|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA COLLECTION and ANALYSIS WORKSHEET** | | | | | | | |
| **Information/Data** | **Source: Question (etc.) from LME/MCO Survey, PRIDE Survey or 2017 YRBS unless otherwise mentioned** | **Local Data Magnitude (amount)** | **NC Data:**  **(Source: 2017 YRBS unless noted)** | **Is Target Area Higher/ Lower/Similar to NC?**  **(circle one)** | **U.S. Data**  **(Source: 2017 YRBS unless noted)** | **Is the Local area’s magnitude (amount) higher/ lower/similar to U.S.?** | **Is this something to consider as a priority?**  **(Circle one)** |
| **Consumption Data** | | | | | |  |  |
| **Lifetime Use (alcohol)** | Have you ever drank alcohol? |  | **NA** |  | **60.4%** | Higher  Lower  Similar | **Y N**    **Maybe** |
| **Past 30 day (alcohol)** | How many times during the past 30 days (if any) did you drink one or more drinks of an alcoholic beverage? |  | **26.5%** | Higher  Lower  Similar | **29.8%** | Higher  Lower  Similar | **Y N**    **Maybe** |
| **High risk behaviors: (e.g. binge drinking, riding in a car with people who have been drinking, drinking or drugged driving)** | How many times during the past 30 days (if any) did you have 5 or more drinks in a couple of hours (males), 4 or more for females? |  | **12.4%** | Higher  Lower  Similar | **13.5%** | Higher  Lower  Similar | **Y N**    **Maybe** |
|  | During the past 30 days, how many times did you drive in a car when you had been drinking alcohol? |  | **5.4%** | Higher  Lower  Similar | **5.5%** | Higher  Lower  Similar | **Y N**    **Maybe** |
|  | Have you ever been in a car or other vehicle driven by someone who had been drinking alcohol? |  | **15.4%** | Higher  Lower  Similar | **16.5%** | Higher  Lower  Similar | **Y N**    **Maybe** |
| **Lifetime use (tobacco)** | Have you ever used tobacco products, including cigarettes? |  | **N/A** |  | **28.9%** | Higher  Lower  Similar | **Y N**    **Maybe** |
| **Past 30 day (tobacco)** | How many times during the past 30 days, if any did you use tobacco, including cigarettes, cigars, snuff and chewing tobacco? |  | **12.1%** | Higher  Lower  Similar | **8.8%** | Higher  Lower  Similar | **Y N**    **Maybe** |
| **Past 30-day use of smokeless tobacco** |  |  | **NA** |  | **5.5%** | Higher  Lower  Similar | **Y N**    **Maybe** |
| **Lifetime use of electronic vapor products** | Have you ever used e-vapor products, including e-cigs, e-pipes, vape pipes, vaping pens, e-hookahs and hookah pens) |  | **44.1%** | Higher  Lower  Similar | **42.2%** | Higher  Lower  Similar | **Y N**    **Maybe** |
| **Past 30-day use of electronic vapor products** | How many times during the past 30 days did you use any vapor products, including electronic cigarettes? |  | **22.1%** | Higher  Lower  Similar | **13.2%** | Higher  Lower  Similar | **Y N**    **Maybe** |
| **Lifetime Use (marijuana)** | Have you ever used marijuana? |  | **36.5%** | Higher  Lower  Similar | **35.6%** | Higher  Lower  Similar | **Y N**    **Maybe** |
| **Past 30 day (marijuana)** | How many times during the past 30 days (if any) did you use marijuana? |  | **19.3%** | Higher  Lower  Similar | **19.8%** | Higher  Lower  Similar | **Y N**    **Maybe** |
| **High Risk Behavior: Driving when they had been using marijuana** | How many times during the past 30 days (if any) did you drive when you had been using marijuana |  | **NA** |  | **13.0%** | Higher  Lower  Similar | **Y N**    **Maybe** |
| **Other Consumption Data?** |  | | | | | | |
| **Consequence Data** | | | | | | | |
| **Information/Data** | **Source: Question (etc.)** | **Target Area Magnitude (amount)** | **NC Rate**  **(Source: 2017 YRBS unless noted)** | **Is Target Area Higher/ Lower/Similar to NC?**  **(circle one)** | **U.S. Rate**  **(Source: 2017 YRBS unless noted)** | **Is the target area’s magnitude (amount) higher/ lower/Similar to U.S.?** | **Is this something to consider as a priority?**  **(Circle one)** |
| **Economic Cost of Excessive Alcohol Use** | NC Alcohol Data Dashboard | County:  $  Economic Cost Per year  $ Per drink sold  $ Per person | **$7,034 million/year**  **(2010 estimate)** |  | **NA** |  | **Y N**    **Maybe** |
| **Alcohol-Related Emergency Department visits** (per county) | NC Alcohol Data Dashboard |  | **33,072-NC**  **1,868 under 21** | Higher  Lower  Similar |  |  | **Y N**    **Maybe** |
| **Unintentional Poisonings involving Alcohol** (by county) | NC Alcohol Data Dashboard | 2013-2017: | 2017: **360**  (NC Alcohol Data Dashboard) | Higher  Lower  Similar | Is this amount higher or lower over time? | Higher  Lower  Similar | **Y N**    **Maybe** |
| **Alcohol-related fatal vehicle crashes** (per county) | NC Alcohol Data Dashboard |  | **NC: 28%** |  | **NA** |  | **Y N**    **Maybe** |
| **Other Consequence Data?** | **For e-cigarettes?**  **For marijuana?** | | | | | | |
| **Intervening Variable** | **Question (2017 LME/MCO Survey)** | **Rate:** | **Higher/Lower rates than NC or LME/MCOs?** | **Capacity:**  **Readiness- Do you have resources? Staff time? Skills? Community on board?** | **Capacity:**  **Political Will-**  **How much do community leaders care about this issue?** | **Capacity:**  **Changeability**  **How easy is it to change this issue over time?** | **Is this a priority?**  **(circle one)** |
| **Access-location of alcohol, tobacco, e-vapor, marijuana**  (LME/MCO Youth Survey) | When you drank during the past 30 days, how did you usually get the alcohol you drank? |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
|  | Where do you usually use alcohol? |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
|  | When you used tobacco during the past 30 days, how did you usually get the tobacco you used? |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
|  | Where do you usually use tobacco? |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable** | **Question (2017 LME/MCO Survey)** | **Rate:** | **Higher/Lower rates than NC or LME/MCOs?** | **Capacity:**  **Readiness- Do you have resources? Staff time? Skills? Community on board?** | **Capacity:**  **Political Will-**  **How much do community leaders care about this issue?** | **Capacity:**  **Changeability**  **How easy is it to change this issue over time?** | **Is this a priority?**  **(circle one)** |
|  | Where do you usually use vapor products? |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
|  | Where do you usually use marijuana? |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable: (Easy Retail Access)** | | | | | | | |
| **High Outlet Density**: Retail alcohol outlets per capita (by county) | NC Alcohol Data Dashboard  **17,782 outlets in NC, 1.8 per capita** | # of outlets  % of total outlets | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable** | **Question (2017 LME/MCO Survey)** | **Rate:** | **Higher/Lower rates than NC or LME/MCOs?** | **Capacity:**  **Readiness- Do you have resources? Staff time? Skills? Community on board?** | **Capacity:**  **Political Will-**  **How much do community leaders care about this issue?** | **Capacity:**  **Changeability**  **How easy is it to change this issue over time?** | **Is this a priority?**  **(circle one)** |
| **Retail non-compliance-(alcohol or tobacco)**  # of violations in the past six months | FDA Checks, ALE, Alcohol/Tobacco Purchase survey data  # of violations in the past six months |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable: (Easy Social Access)** | | | | | | | |
| **Unsecure storage** (alcohol)  (LME/MCO Youth Survey) | Where are alcoholic beverages, including beer, wine and liquor stored in your house? |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable: (Parental Monitoring)** | | | | | | | |
| (LME/MCO Youth Survey)  (alcohol, marijuana) | Do you agree or disagree with the following statement: “My family has clear rules about alcohol and drug use.” (RESPONSE: Very unlikely/Unlikely) |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable** | **Question (2017 LME/MCO Survey)** | **Rate:** | **Higher/Lower rates than NC or LME/MCOs?** | **Capacity:**  **Readiness- Do you have resources? Staff time? Skills? Community on board?** | **Capacity:**  **Political Will-**  **How much do community leaders care about this issue?** | **Capacity:**  **Changeability**  **How easy is it to change this issue over time?** | **Is this a priority?**  **(circle one)** |
|  | If you smoked marijuana, you would be caught by your parents? (RESPONSE: Strongly disagree/disagree |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
|  | If you drank some beer, wine or hard liquor, you would be caught by your parents? (RESPONSE: Strongly disagree/disagree |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable: Community Norms-Parent-Peer Disapproval** | | | | | | | |
| (alcohol, marijuana)  (LME/MCO Youth Survey) | How wrong do your parents feel it would be for you to drink alcohol? (RESPONSE: Not at all wrong/not very wrong) |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable** | **Question (2017 LME/MCO Survey)** | **Rate:** | **Higher/Lower rates than NC or LME/MCOs?** | **Capacity:**  **Readiness- Do you have resources? Staff time? Skills? Community on board?** | **Capacity:**  **Political Will-**  **How much do community leaders care about this issue?** | **Capacity:**  **Changeability**  **How easy is it to change this issue over time?** | **Is this a priority?**  **(circle one)** |
|  | How wrong do your parents feel it would be for you to use marijuana? (RESPONSE: Not at all wrong/not very wrong) |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
|  | How wrong do your friends feel it would be for you to drink alcohol? |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
|  | How wrong do your friends feel it would be for you to have one or two drinks of an alcoholic beverage nearly every day? |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable** | **Question (2017 LME/MCO Survey)** | **Rate:** | **Higher/Lower rates than NC or LME/MCOs?** | **Capacity:**  **Readiness- Do you have resources? Staff time? Skills? Community on board?** | **Capacity:**  **Political Will-**  **How much do community leaders care about this issue?** | **Capacity:**  **Changeability**  **How easy is it to change this issue over time?** | **Is this a priority?**  **(circle one)** |
|  | How wrong do your friends feel it would be for you to smoke marijuana? |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable: (Perceived harms)** | | | | | | | |
| **Low Risk of Harm** (alcohol, marijuana,)  (LME/MCO Youth Survey) | How much do you think people risk harming themselves (physically or in other ways) when they smoke marijuana once or twice a week? (RESPONSE: No risk/slight risk) |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable** | **Question (2017 LME/MCO Survey)** | **Rate:** | **Higher/Lower rates than NC or LME/MCOs?** | **Capacity:**  **Readiness- Do you have resources? Staff time? Skills? Community on board?** | **Capacity:**  **Political Will-**  **How much do community leaders care about this issue?** | **Capacity:**  **Changeability**  **How easy is it to change this issue over time?** | **Is this a priority?**  **(circle one)** |
|  | How much do you think people risk harming themselves (physically or in other ways) when they take one or two drinks of an alcoholic beverage? (RESPONSE: No risk/slight risk) |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable: Perceived Enforcement** (**caught by police**)  (LME/MCO Youth Survey) | | | | | | | |
|  | If a teenager drank some beer, wine or hard liquor in your neighborhood, he or she would be caught by the police. (RESPONSE: Strongly disagree/disagree) |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable** | **Question (2017 LME/MCO Survey)** | **Rate:** | **Higher/Lower rates than NC or LME/MCOs?** | **Capacity:**  **Readiness- Do you have resources? Staff time? Skills? Community on board?** | **Capacity:**  **Political Will-**  **How much do community leaders care about this issue?** | **Capacity:**  **Changeability**  **How easy is it to change this issue over time?** | **Is this a priority?**  **(circle one)** |
|  | If a teenager smoked marijuana in your neighborhood he or she would be caught by the police. (RESPONSE: Strongly disagree/disagree) |  | Higher  Lower | Ready  Not Ready | High  Medium  Low | Easy  Not Easy | **Y N**    **Maybe** |
| **Intervening Variable: (Extensive Local Promotion/Advertising)** | | | | | | | |
| **Other Sources/Ideas to Collect**  **Intervening Variables** |  | | | | | | |

**Health Disparities Information (2017 LME Survey)**

**Prevalence of Alcohol Use and Binge Drinking by Demographic Breakdowns, North Carolina**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Alcohol Lifetime Use** | **Alcohol 30 day** | **Binge Drinking**  **30 day** |
| **Age** | **%** | **%** | **%** |
| 13-14 | 20.2 | 7.0 | 1.5 |
| 15-16 | 33.6 | 16.5 | 3.3 |
| 17-18 | 52.7 | 24.4 | 9 |
| **Ethnicity** |  |  |  |
| Not Hispanic or Latino | 35.6 | 16.3 | 4.7 |
| Hispanic or Latino | 34.6 | 16.2 | 4.8 |
| **Race** |  |  |  |
| White | 37.8 | 17.2 | 5.2 |
| Black or African American | 31 | 13.1 | 2.1 |
| Other | 31.4 | 15.7 | 6.3 |
| **Gender** |  |  |  |
| Male | 33.6 | 15.5 | 5.4 |
| Female | 37.9 | 16.8 | 4 |
| **Sexuality** |  |  |  |
| Heterosexual or straight | 33.1 | 15.1 | 4.1 |
| LGBQ | 51.4 | 23.4 | 7.8 |

Notes: Binge drinking was defined as having five or more drinks in a row. Due to small sub-population sample sizes, respondents identifying as Asian, Native American or Hawaiian or other Pacific Islander were combined into an “other race” category to avoid misleading statistical inference

**Prevalence of Tobacco Use by Demographic Breakdowns, North Carolina**

|  |  |  |
| --- | --- | --- |
|  | **Tobacco Lifetime Use** | **Tobacco 30-day use** |
| **Age** | **%** | **%** |
| 13-14 | 6.4 | 3.3 |
| 15-16 | 13.7 | 9 |
| 17-18 | 24.2 | 16.8 |
| **Ethnicity** |  |  |
| Not Hispanic or Latino | 15.1 | 10 |
| Hispanic or Latino | 11.8 | 8 |
| **Race** |  |  |
| White | 15.8 | 11.1 |
| Black or African American | 12.2 | 6.2 |
| Other | 14.4 | 8.3 |
| **Gender** |  |  |
| Male | 33.6 | 15.5 |
| Female | 37.9 | 16.8 |
| **Sexuality** |  |  |
| Heterosexual or straight | 33.1 | 15.1 |
| LGBQ | 51.4 | 23.4 |

Notes: Due to small sub-population sample sizes, respondents identifying as Asian, Native American or Hawaiian or other

Pacific Islander were combined into an “other race category to avoid misleading statistical inference

**Prevalence of E-Vapor Use and Binge Drinking by Demographic Breakdowns, North Carolina**

|  |  |  |
| --- | --- | --- |
|  | **E-Vapor Lifetime Use** | **E-Vapor 30-day use** |
| **Age** | **%** | **%** |
| 13-14 | 7.4 | 5.1 |
| 15-16 | 15 | 6.8 |
| 17-18 | 29.5 | 17.5 |
| **Ethnicity** |  |  |
| Not Hispanic or Latino | 17.4 | 9.6 |
| Hispanic or Latino | 18 | 11.4 |
| **Race** |  |  |
| White | 19.1 | 10.9 |
| Black or African American | 12.4 | 6.3 |
| Other | 16.8 | 10.4 |
| **Gender** |  |  |
| Male | 16.1 | 10.2 |
| Female | 18.8 | 9.5 |
| **Sexuality** |  |  |
| Heterosexual or straight | 15.3 | 9.1 |
| LGBQ | 32.1 | 15.9 |

Notes: Due to small sub-population sample sizes, respondents identifying as Asian, Native American or Hawaiian or other

Pacific Islander were combined into an “other race category to avoid misleading statistical inference

**Prevalence of Marijuana Use and Binge Drinking by Demographic Breakdowns**

|  |  |  |
| --- | --- | --- |
|  | **Marijuana Lifetime Use** | **Marijuana 30-day use** |
| **Age** | **%** | **%** |
| 13-14 | 4.7 | 2.6 |
| 15-16 | 13.3 | 7.3 |
| 17-18 | 27.3 | 13.9 |
| **Ethnicity** |  |  |
| Not Hispanic or Latino | 15 | 8 |
| Hispanic or Latino | 20.2 | 9.2 |
| **Race** |  |  |
| White | 14.7 | 7.5 |
| Black or African American | 16.1 | 9.3 |
| Other | 17.7 | 9.1 |
| **Gender** |  |  |
| Male | 14.1 | 7.5 |
| Female | 16.5 | 8.6 |
| **Sexuality** |  |  |
| Heterosexual or straight | 13.3 | 6.6 |
| LGBQ | 30 | 18.2 |

Notes: Due to small sub-population sample sizes, respondents identifying as Asian, Native American or Hawaiian or other

Pacific Islander were combined into an “other race category to avoid misleading statistical inference