

# EARLY INITIATION OF SUBSTANCE USE & PROBLEM BEHAVIORS

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RPC Directors Meeting

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# **EARLY & PERSISTENT PROBLEM BEHAVIORS**

# EARLY & PERSISTENT PROBLEM BEHAVIORS

- Are kids who exhibit early and persistent problem behaviors more likely to use substances?
- If so, which ones?
- Are they more likely to have serious psychological distress and feel suicidal?

# EARLY & PERSISTENT PROBLEM BEHAVIORS

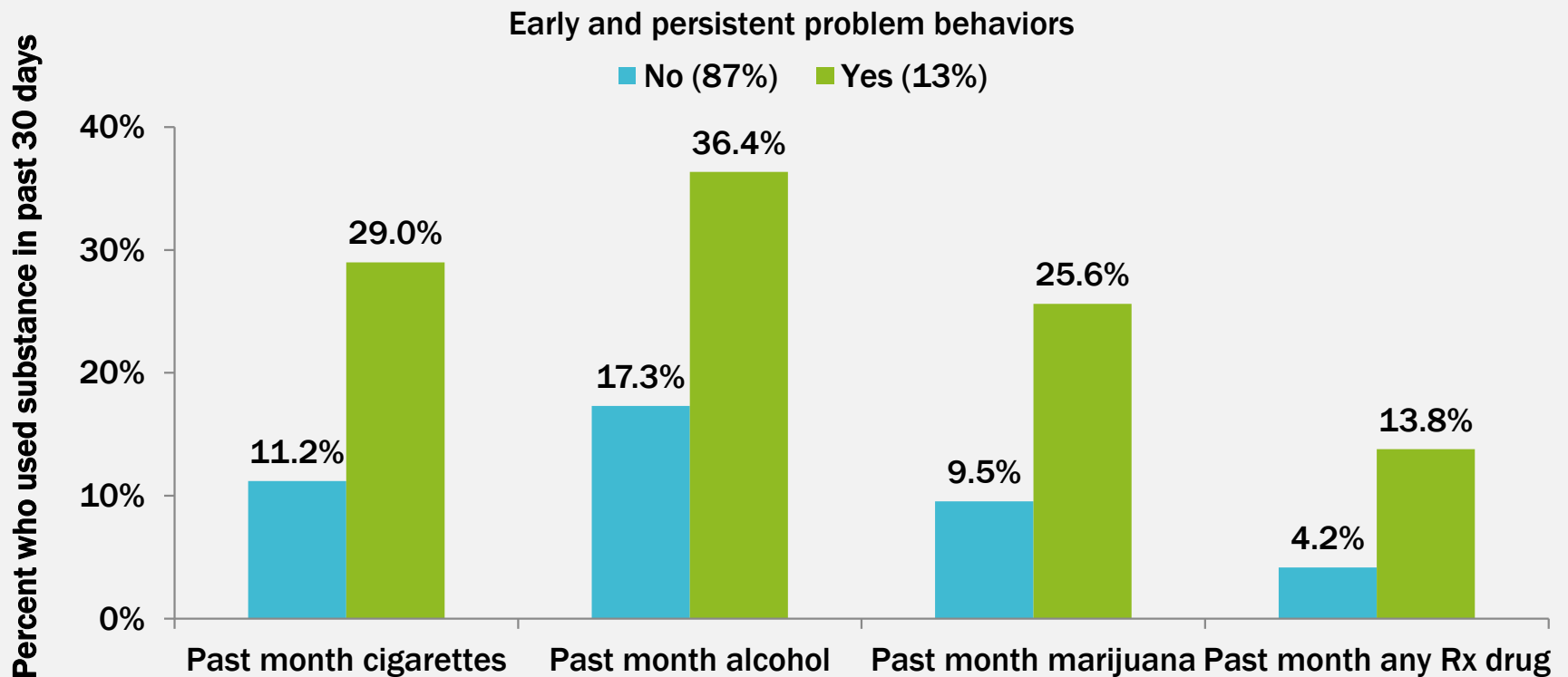
- Early (age 12 or younger) and persistent (present in past year) problem behaviors:
  - Suspended
  - Arrested
  - Carried a handgun
  - Attacked someone

# EARLY & PERSISTENT PROBLEM BEHAVIORS

- **Substances:**
  - Cigarettes
  - Alcohol
  - Marijuana
  - Any Rx drug
- **Serious Psychological Distress**
- **Suicidal Ideation**
- **Suicide Attempt**

# EARLY & PERSISTENT PROBLEM BEHAVIORS

## Substance Use and Problem Behaviors Among 10th Graders - 2016 KIP Data

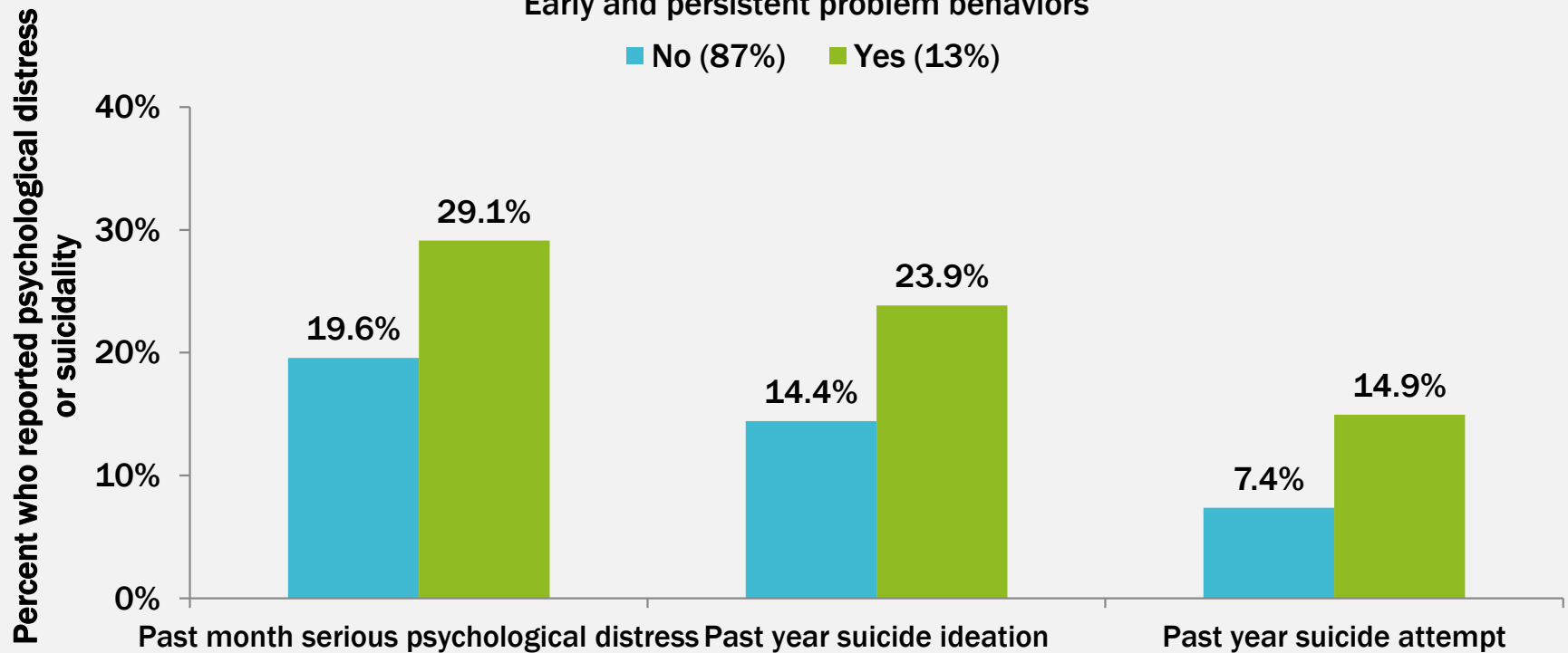


# EARLY & PERSISTENT PROBLEM BEHAVIORS

## Mental Health, Suicidality, and Problem Behaviors Among 10th Graders - 2016 KIP Data

Early and persistent problem behaviors

■ No (87%) ■ Yes (13%)



# EARLY & PERSISTENT PROBLEM BEHAVIORS

- Among 10<sup>th</sup> graders, after controlling for gender, race/ethnicity, free/reduced lunch, and military connection, those who reported any early and persistent problem behaviors were more likely to report substance use in the past month than their peers:
  - 3.1 times as likely to smoke cigarettes
  - 2.7 times as likely to drink alcohol
  - 3.3 times as likely to use marijuana
  - 3.6 times as likely to misuse Rx drugs



# EARLY & PERSISTENT PROBLEM BEHAVIORS

- Among 10<sup>th</sup> graders, after controlling for gender, race/ethnicity, free/reduced lunch, and military connection, those who reported any early and persistent problem behaviors were more likely to report serious psychological distress and suicidality than their peers:
  - 2.2 times as likely to have serious psychological distress in the past month
  - 2.4 times as likely to have seriously considered suicide in the past year
  - 2.8 times as likely to have attempted suicide in the past year

# **EARLY & PERSISTENT PROBLEM BEHAVIORS**

**What does this mean for your  
prevention work?**

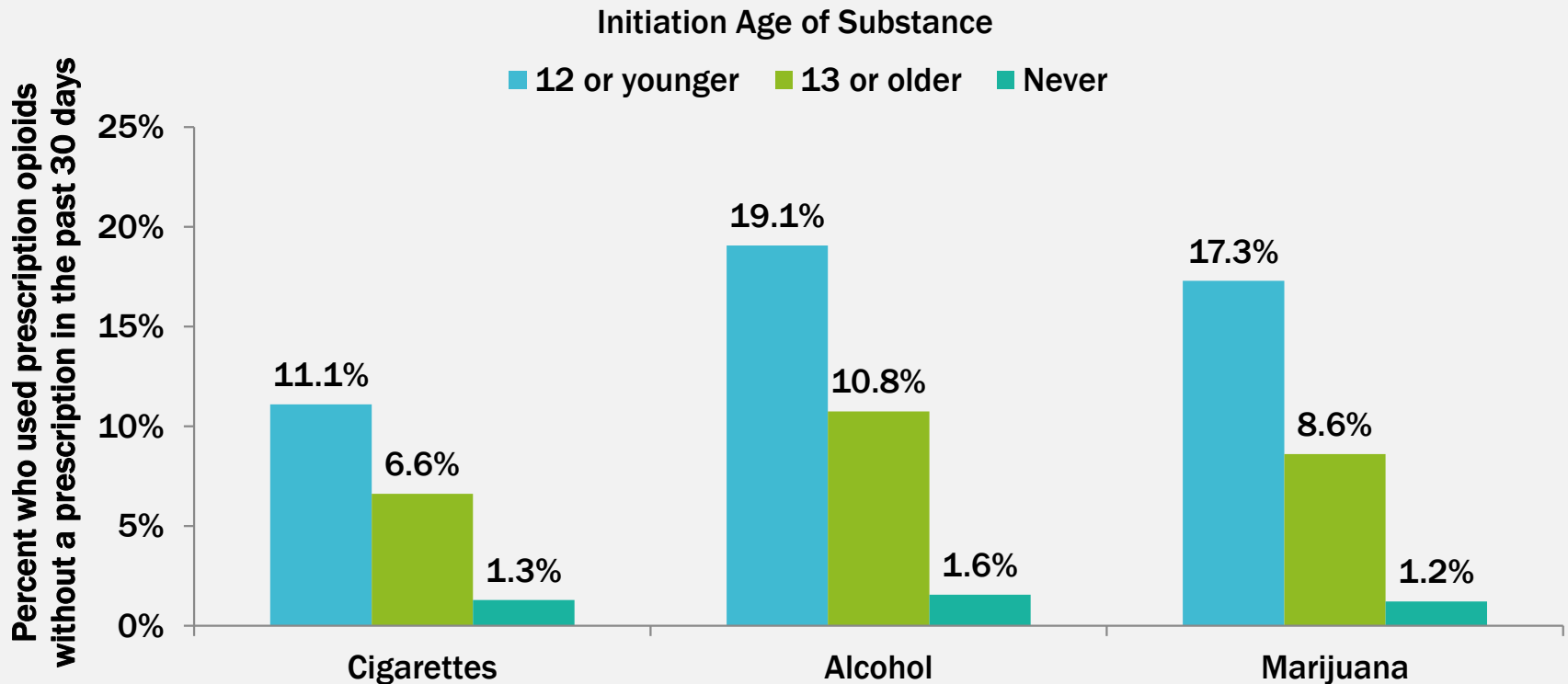
# EARLY INITIATION OF SUBSTANCE USE

# EARLY INITIATION OF SUBSTANCE USE & OPIOIDS

- Are kids who initiated substance use earlier more likely to use opioids?
- Early (age 12 or younger) substance use:
  - Cigarettes
  - Alcohol
  - Marijuana

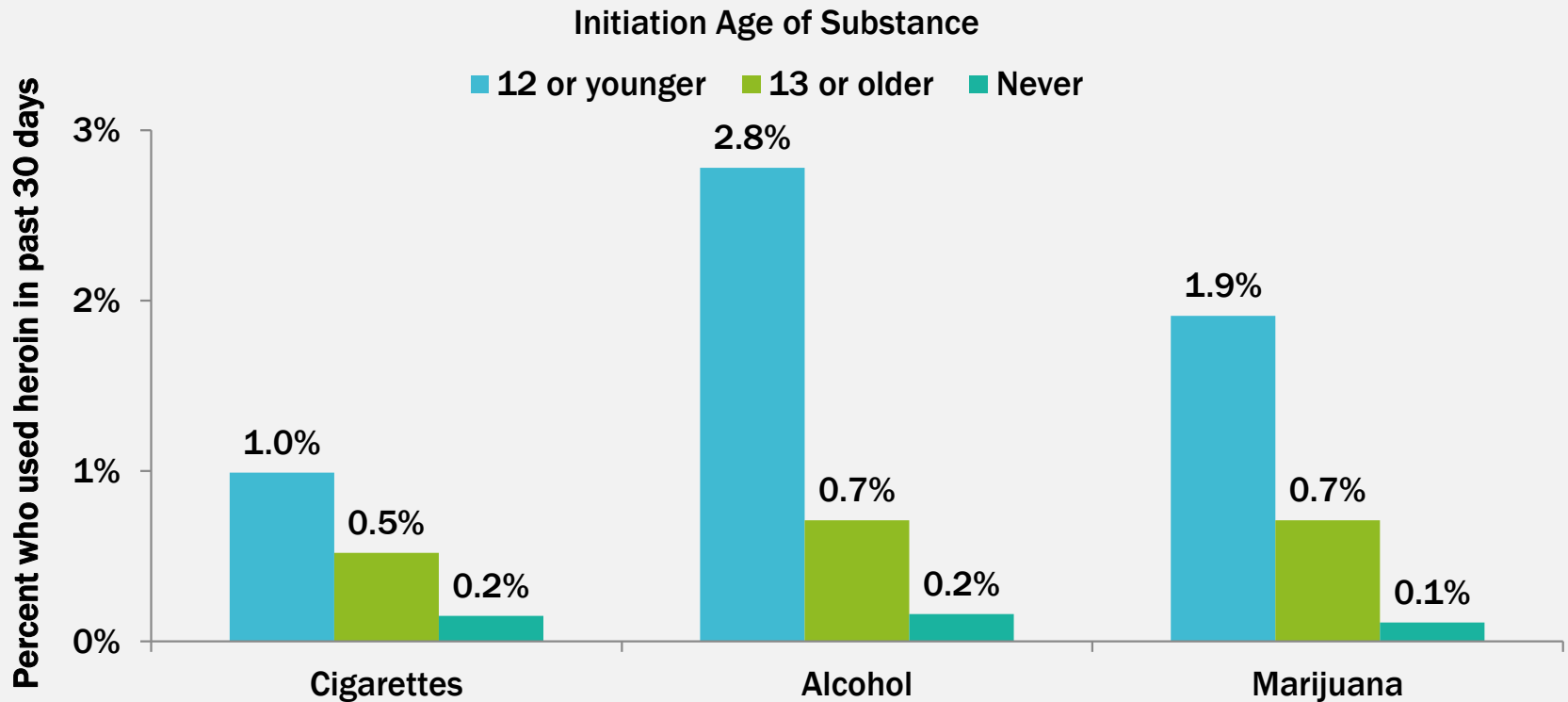
# EARLY INITIATION OF SUBSTANCE USE & OPIOIDS

**Current Rx Opioid Use and Early Initiation of Substance Use  
Among 10th Graders - 2016 KIP Data**



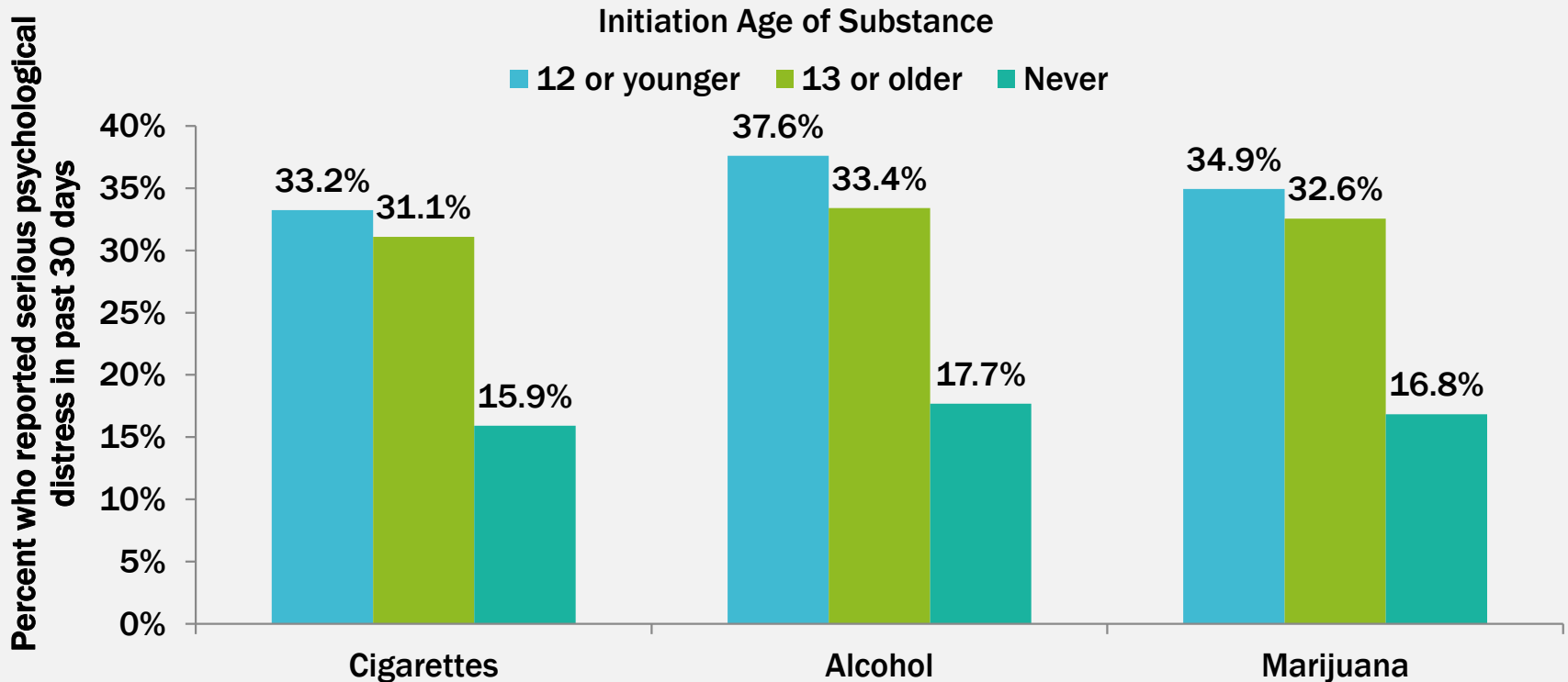
# EARLY INITIATION OF SUBSTANCE USE & OPIOIDS

**Current Heroin Use and Early Initiation of Substance Use  
Among 10th Graders - 2016 KIP Data**



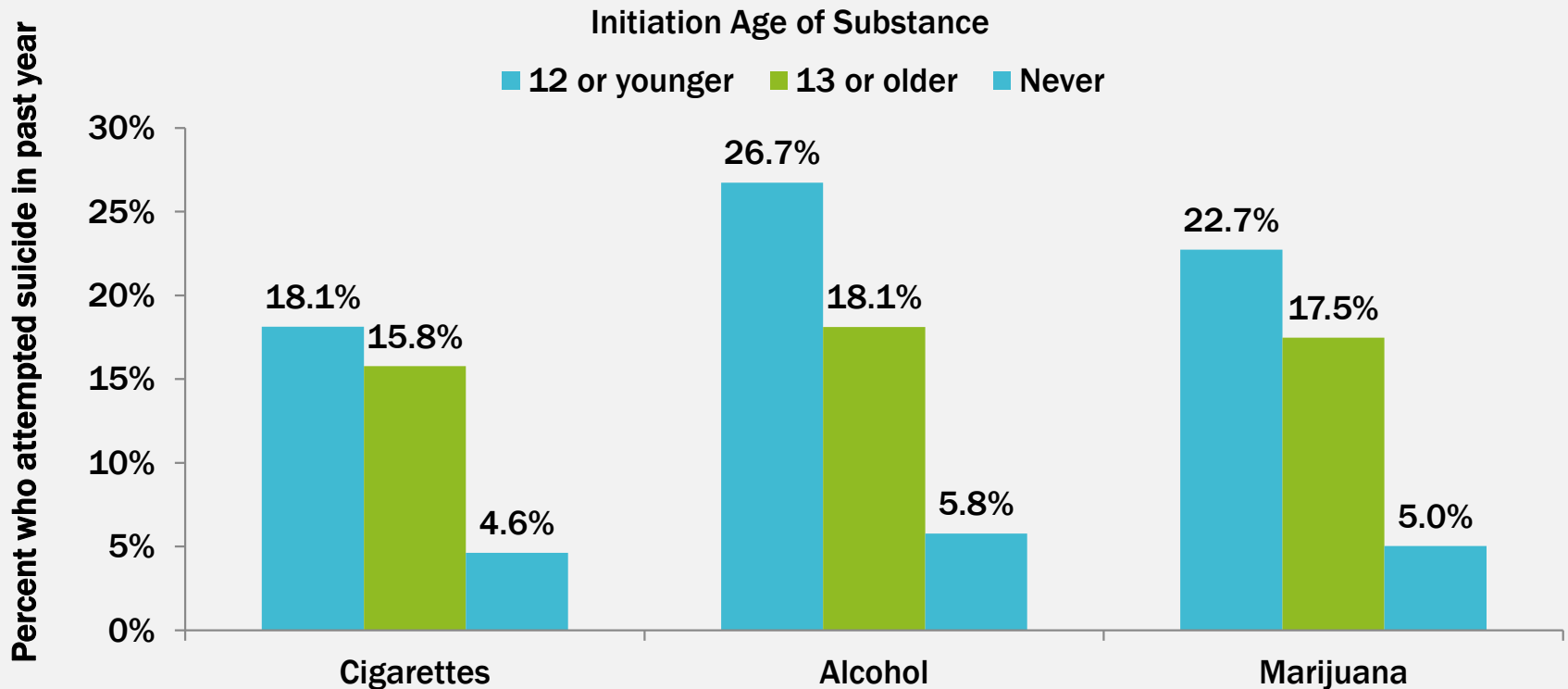
# EARLY INITIATION OF SUBSTANCE USE & PSYCHOLOGICAL DISTRESS

**Current Serious Psychological Distress and Early Initiation of Substance Use Among 10th Graders - 2016 KIP Data**



# EARLY INITIATION OF SUBSTANCE USE & SUICIDE ATTEMPT

**Past Year Suicide Attempt and Early Initiation of Substance Use Among 10th Graders - 2016 KIP Data**





# EARLY INITIATION OF SUBSTANCE USE

- Among 10<sup>th</sup> graders, after controlling for gender, race/ethnicity, free/reduced lunch, and military connection, **those who began using substances earlier were more likely to report prescription opioid misuse, heroin use, serious psychological distress, and suicide attempt.**

# EARLY INITIATION OF SUBSTANCE USE

- Among 10<sup>th</sup> graders, after controlling for gender, race/ethnicity, free/reduced lunch, and military connection...
  - those who began using cigarettes, alcohol, or marijuana by age 12 were 12.7 times as likely to misuse Rx opioids as their peers who had never used cigarettes, alcohol, or marijuana.
  - those who began using cigarettes, alcohol, or marijuana older than age 12 were 6.6 times as likely to misuse Rx opioids as their peers who had never used cigarettes, alcohol, or marijuana.

# EARLY INITIATION OF SUBSTANCE USE

- Among 10<sup>th</sup> graders, after controlling for gender, race/ethnicity, free/reduced lunch, and military connection...
  - those who began using cigarettes, alcohol, or marijuana by age 12 were 11 times as likely to use heroin as their peers who had never used cigarettes, alcohol, or marijuana.
  - those who began using cigarettes, alcohol, or marijuana older than age 12 were 5.4 times as likely to use heroin as their peers who had never used cigarettes, alcohol, or marijuana.

# EARLY INITIATION OF SUBSTANCE USE

- Among 10<sup>th</sup> graders, after controlling for gender, race/ethnicity, free/reduced lunch, and military connection...
  - those who began using cigarettes, alcohol, or marijuana by age 12 were 3 times as likely to be seriously psychologically distressed as their peers who had never used cigarettes, alcohol, or marijuana.
  - those who began using cigarettes, alcohol, or marijuana older than age 12 were 2.2 times as likely to be seriously psychologically distressed as their peers who had never used cigarettes, alcohol, or marijuana.

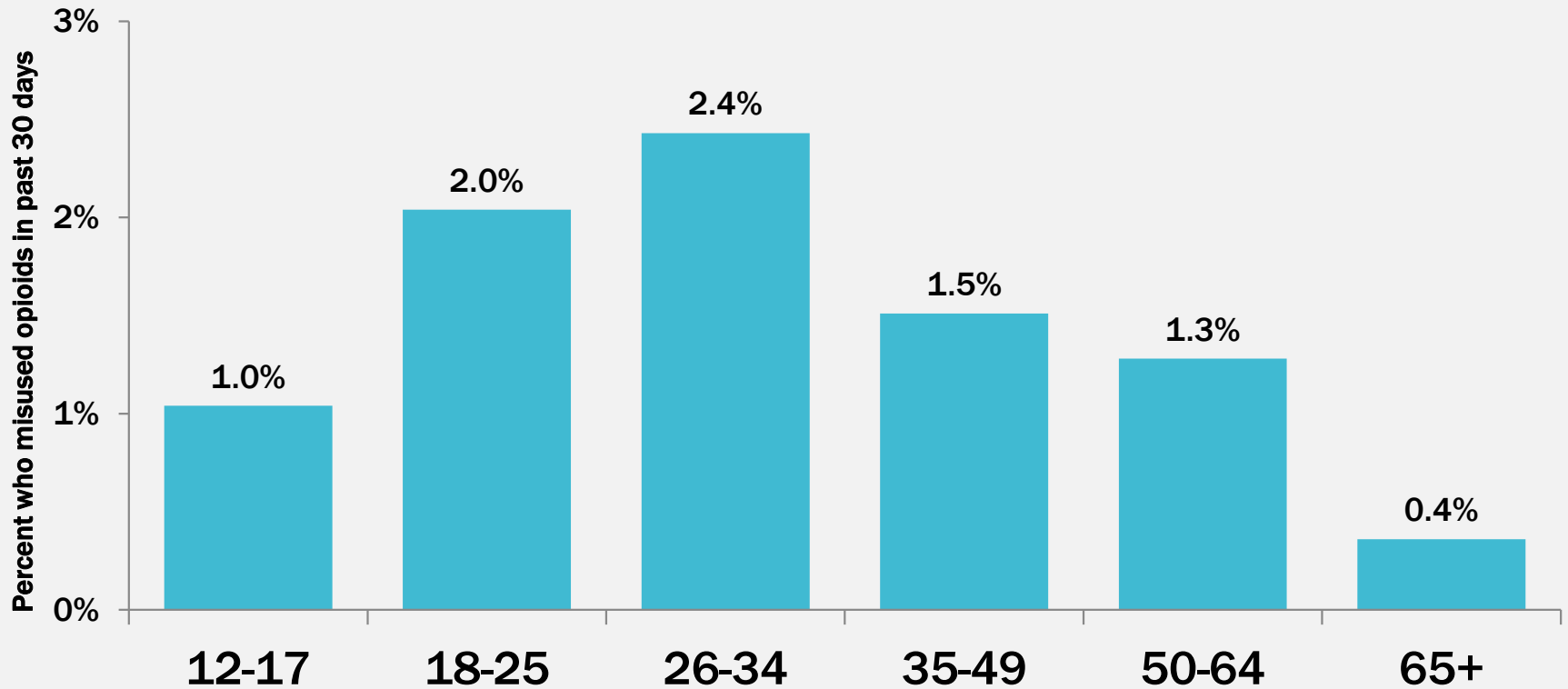
# EARLY INITIATION OF SUBSTANCE USE

- Among 10<sup>th</sup> graders, after controlling for gender, race/ethnicity, free/reduced lunch, and military connection...
  - those who began using cigarettes, alcohol, or marijuana by age 12 were 5 times as likely to attempt suicide as their peers who had never used cigarettes, alcohol, or marijuana.
  - those who began using cigarettes, alcohol, or marijuana older than age 12 were 3.6 times as likely to attempt suicide as their peers who had never used cigarettes, alcohol, or marijuana.

**NSDUH DATA: EARLY  
INITIATION OF  
SUBSTANCE USE &  
OPIOIDS**

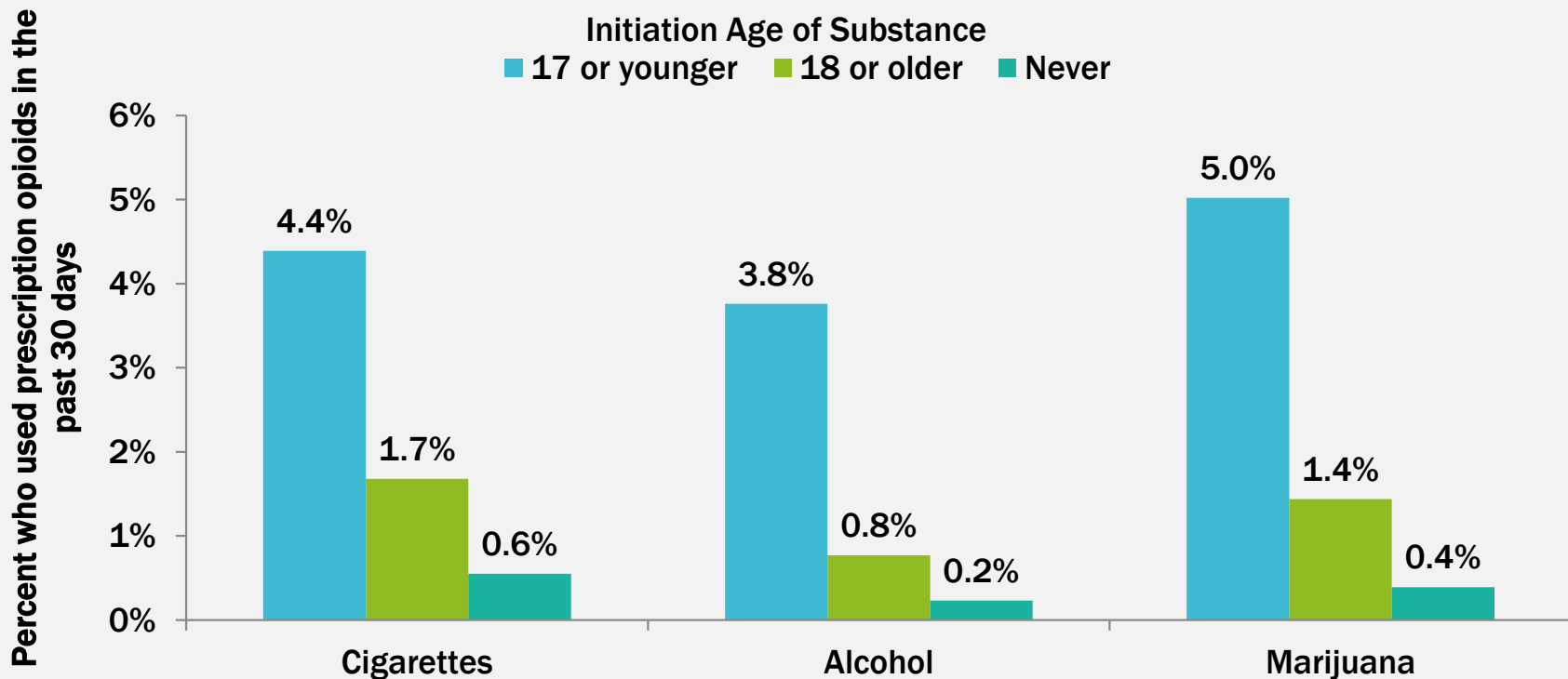
# EARLY INITIATION OF SUBSTANCE USE & OPIOIDS

**Current Opioid Use by Age  
2016 NSDUH (US)**



# EARLY INITIATION OF SUBSTANCE USE & OPIOIDS

**Current Rx Opioid Use and Early Initiation of Substance Use  
Among 18-34 Year Olds  
2016 NSDUH (US)**





# EARLY INITIATION OF SUBSTANCE USE

- Among 18-34 year olds, after controlling for gender, race/ethnicity, free/reduced lunch, and military connection, those who began using substances earlier were more likely to report prescription opioid misuse.

# EARLY INITIATION OF SUBSTANCE USE

- Among 18-34 year olds, after controlling for gender, race/ethnicity, and income ...
  - those who began using cigarettes, alcohol, or marijuana by age 17 were 8 times as likely to misuse Rx opioids as their peers who had never used cigarettes, alcohol, or marijuana.
  - those who began using cigarettes, alcohol, or marijuana older than age 17 were 2 times as likely to misuse Rx opioids as their peers who had never used cigarettes, alcohol, or marijuana.

# EARLY INITIATION OF SUBSTANCE USE

**What does this mean for your prevention work?**

# QUESTIONS

**Any additional questions?**

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