

Co-occurring Mental Health and Substance Abuse Disorders among Juvenile Detainees in Maricopa County

**2009 AARIN Symposium
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AARIN Definitions of Co-Occurring Disorders

- **Co-Occurring Disorders:**
 - A condition when an individual presents with both a mental illness and substance abuse or dependence.

- **The AARIN Co-Occurring Addendum:**
 - Comprised of two parts:
 - The first specific to substance use, and
 - The second specific to mental health.
 - Not a diagnostic screening tool for mental illness.

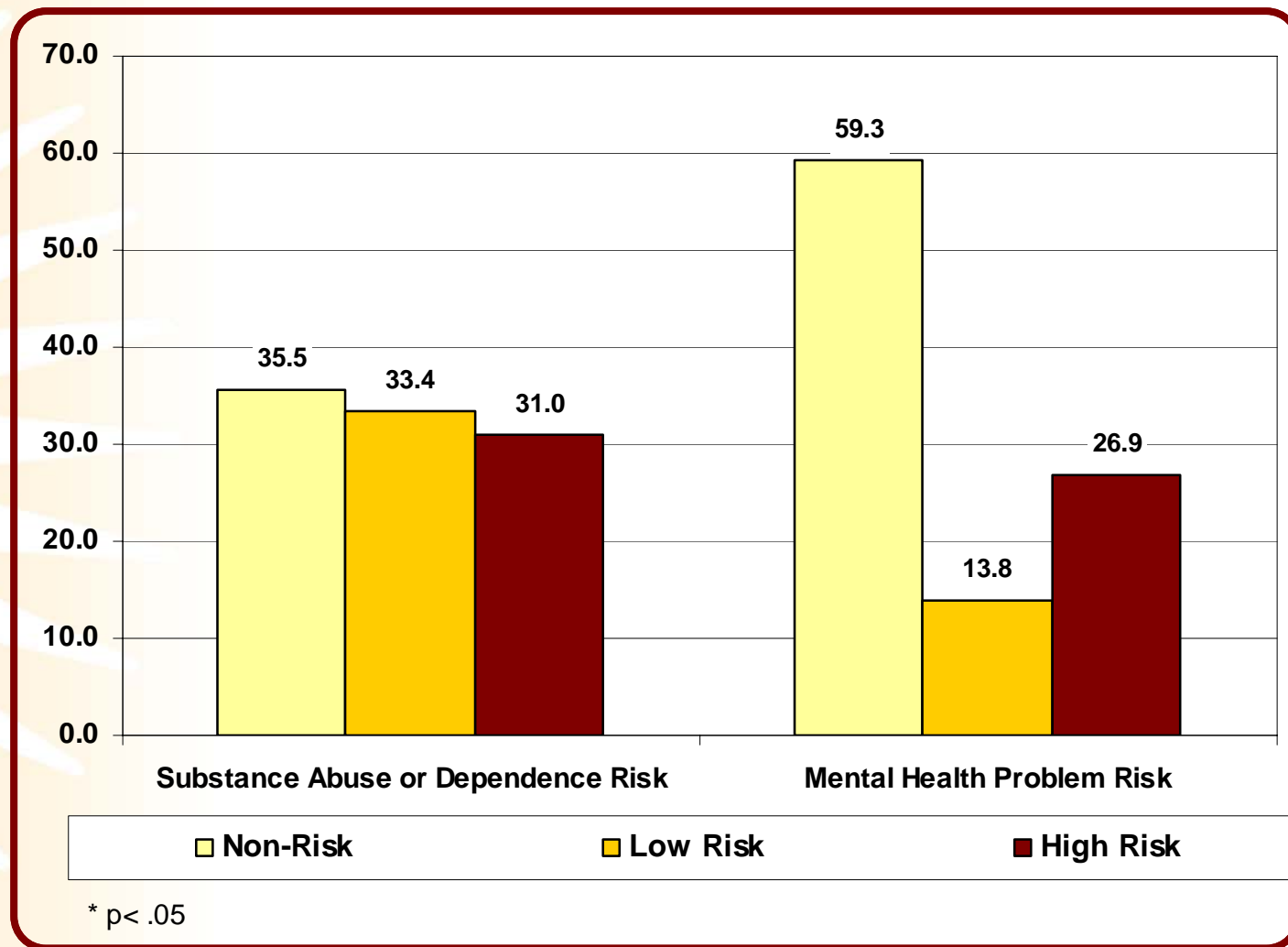
Substance Abuse and Dependence

- **The first part of the Co-Occurring Addendum included 18 substance abuse/dependence items:**
 - 4 designated to assess substance abuse;
 - 10 to assess substance dependence; and
 - 4 additional items related to intravenous drug use, prior substance abuse/dependence treatment, and family history of substance misuse.
- The diagnostic criteria from the American Psychiatric Association's Diagnostic and Statistical Manual of Mental Disorders, Fourth Revision (DSM-IV) for substance abuse and dependence provided the outline for our substance abuse/dependence screening questions.

Mental Health Problems

- **Mental Health Problems were assessed using respondents' history with professional mental health:**
- **Low Risk:**
 - Have you ever been told by a counselor, social worker, or doctor that you have a mental illness or emotional problem?
 - Have you ever been treated by a counselor, social worker, or doctor for a mental health problem?
- **High Risk:**
 - Have you ever been prescribed medication for a mental health problem?
 - Have you ever been hospitalized for a mental health problem?

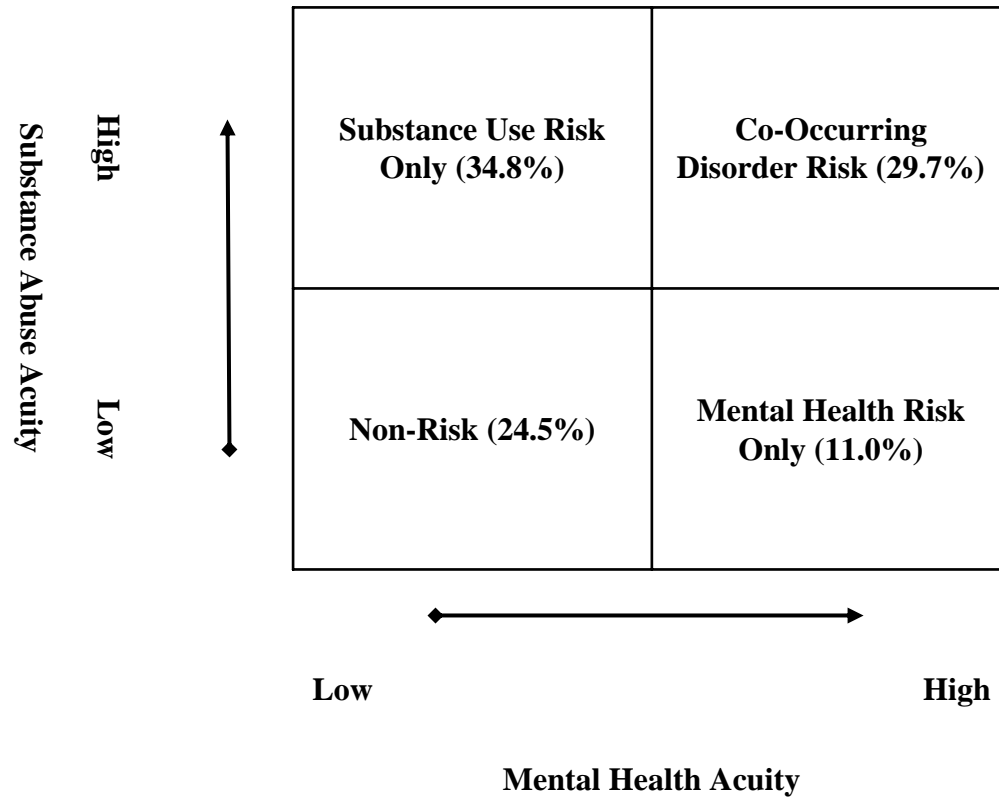
Level of Risk by Substance Abuse/Dependence and Mental Health (n=290)



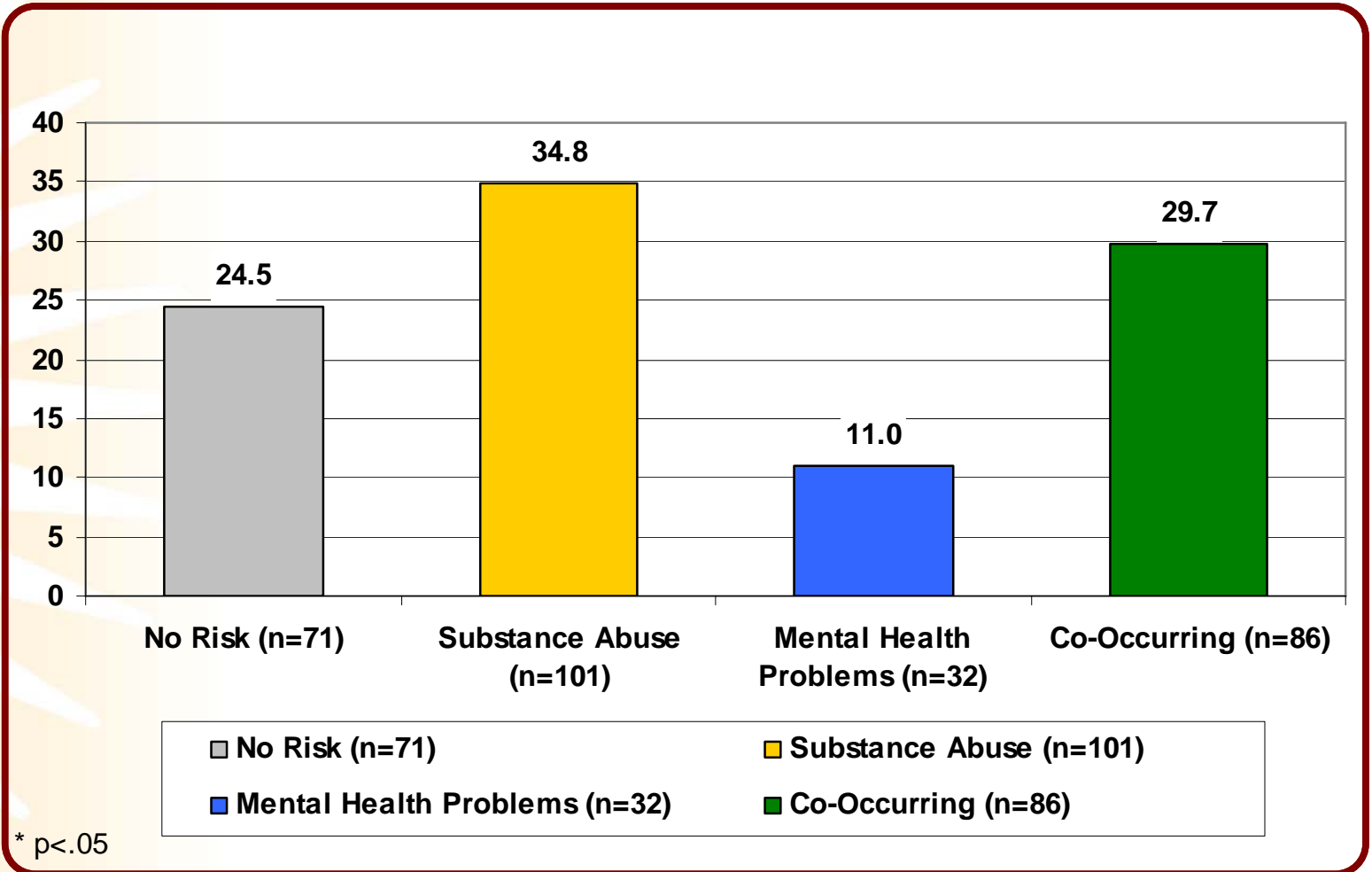
Co-Occurring Disorder Risk

- Respondents were assigned to one of four categories of risk for co-occurring disorders.
- A simplified version of the co-occurring disorder quadrant model was employed to create the four distinct categories:
 - None – Not at risk for either substance abuse or mental health problems,
 - Substance Abuse only,
 - Mental Health Problems only,
 - Co-Occurring – at risk for both substance abuse and mental health problems.

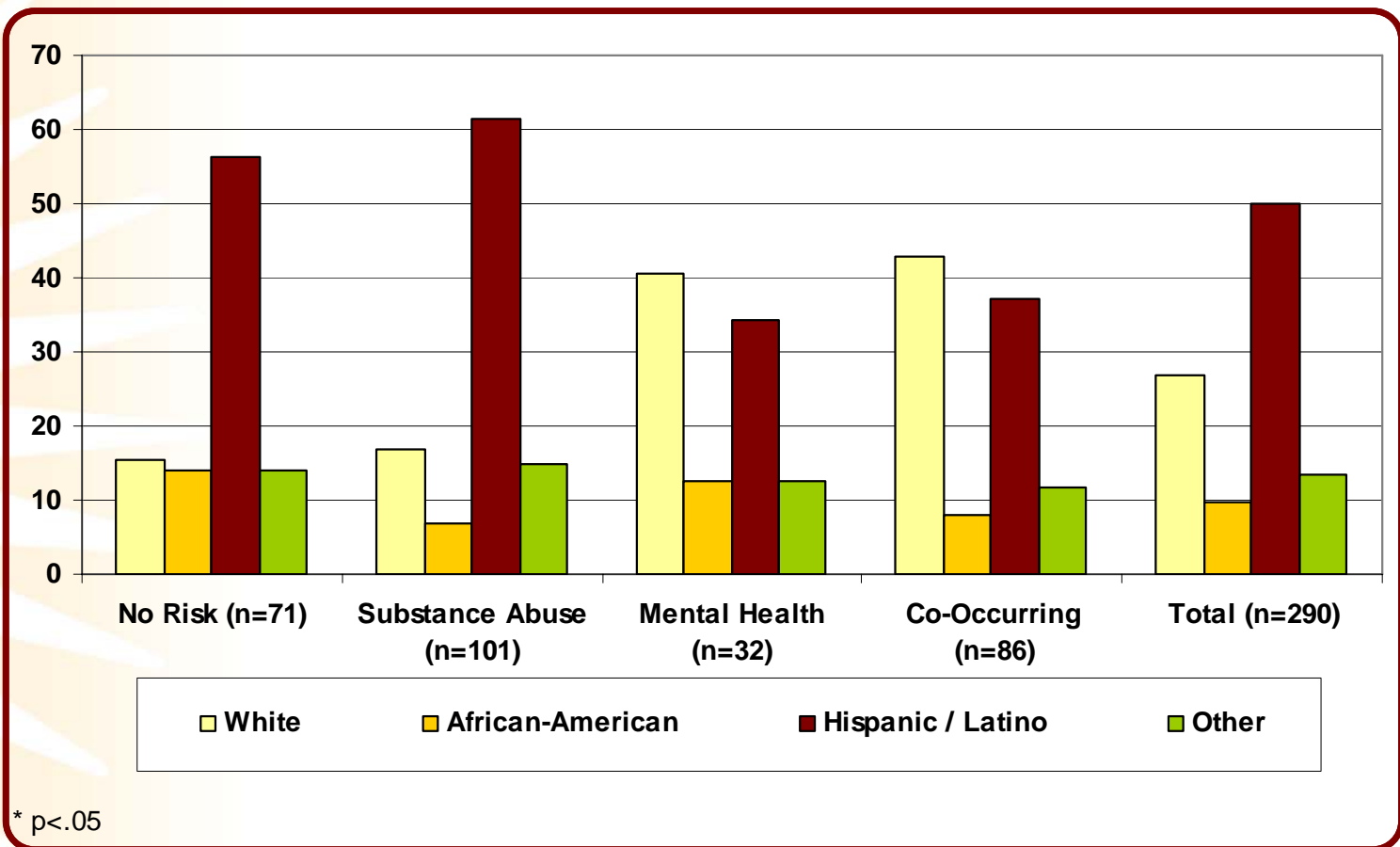
Co-Occurring Disorders Quadrant Model



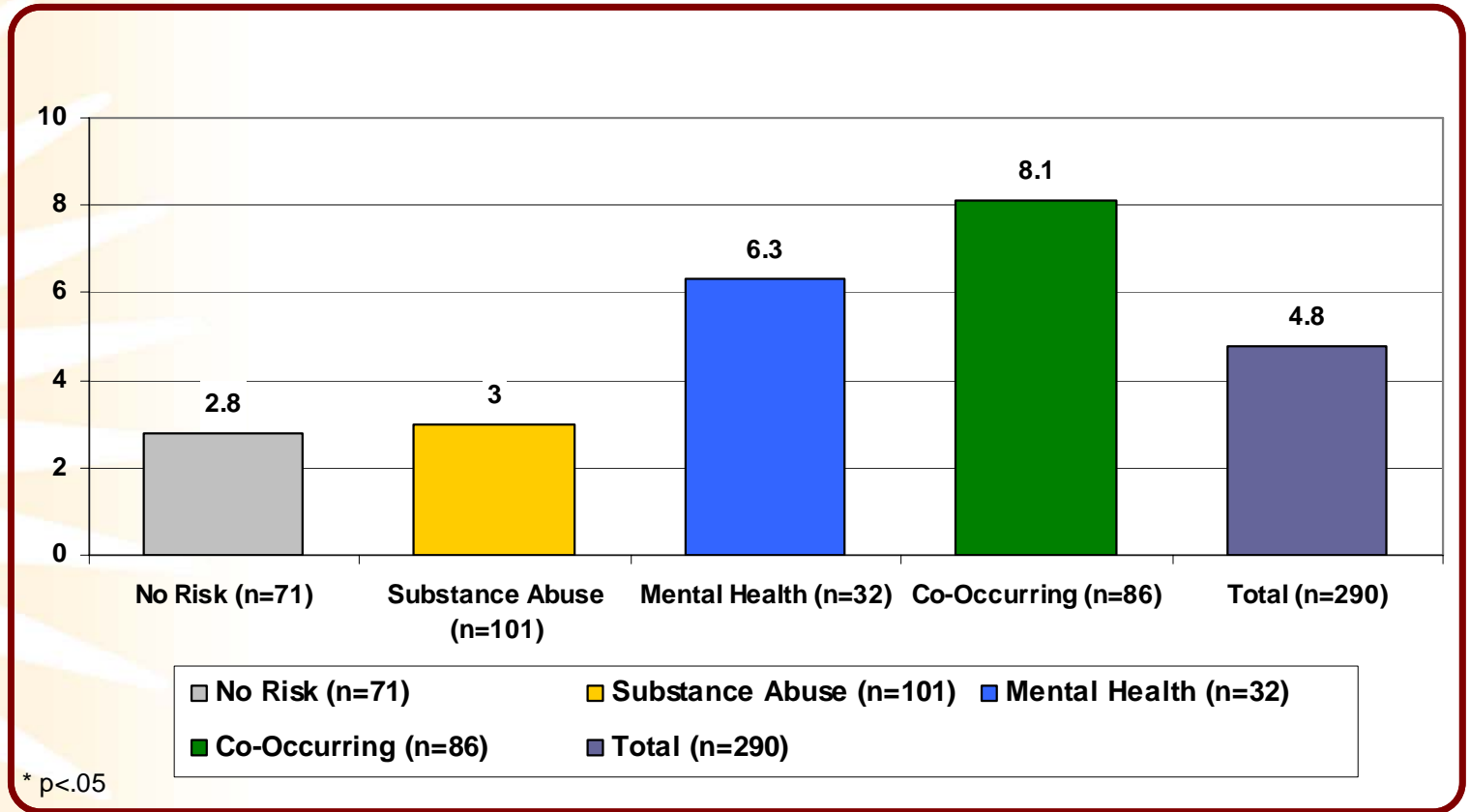
Distribution of Co-Occurring Disorder Risk



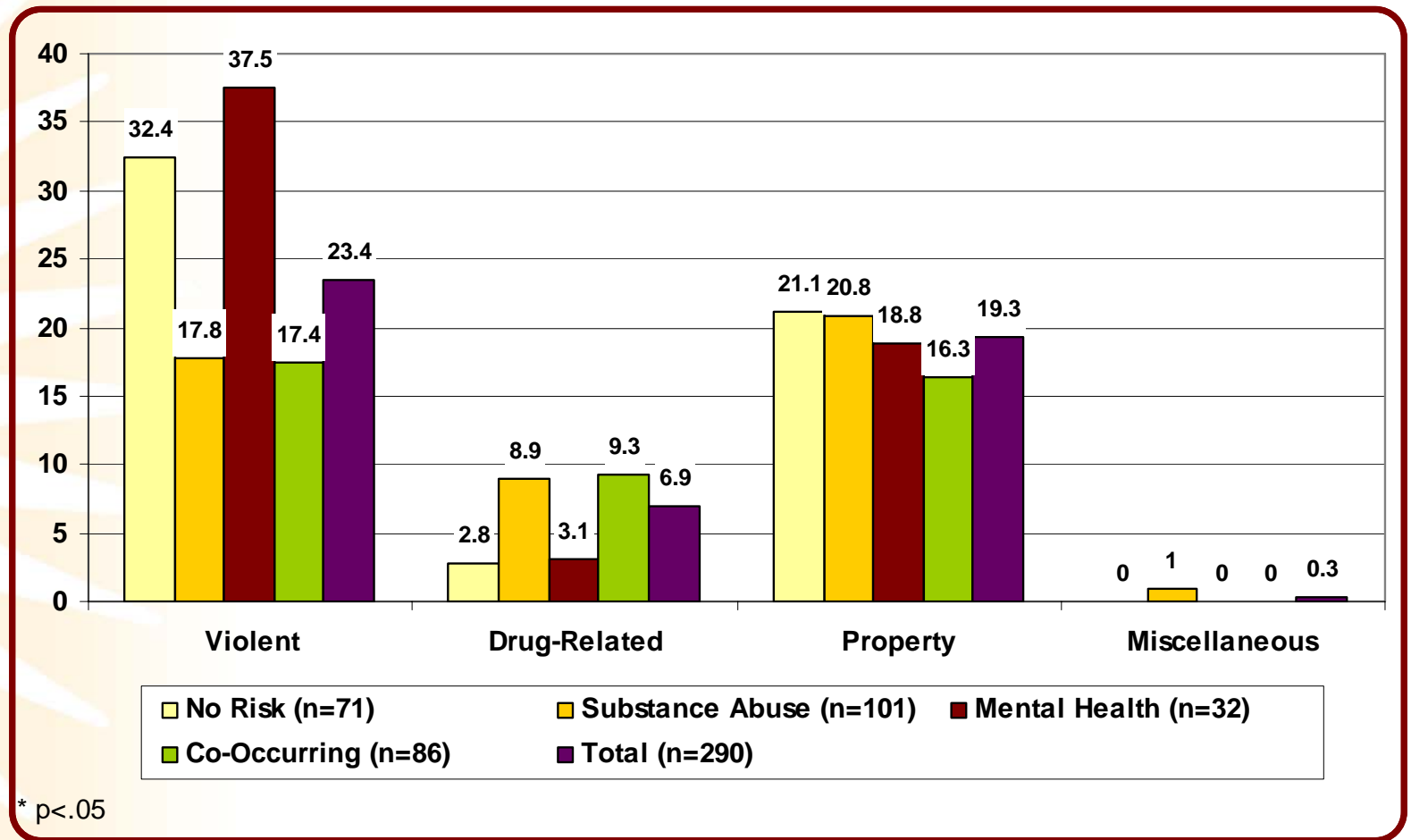
Race by Co-Occurring Disorder *



Homelessness by Co-Occurring Disorder *



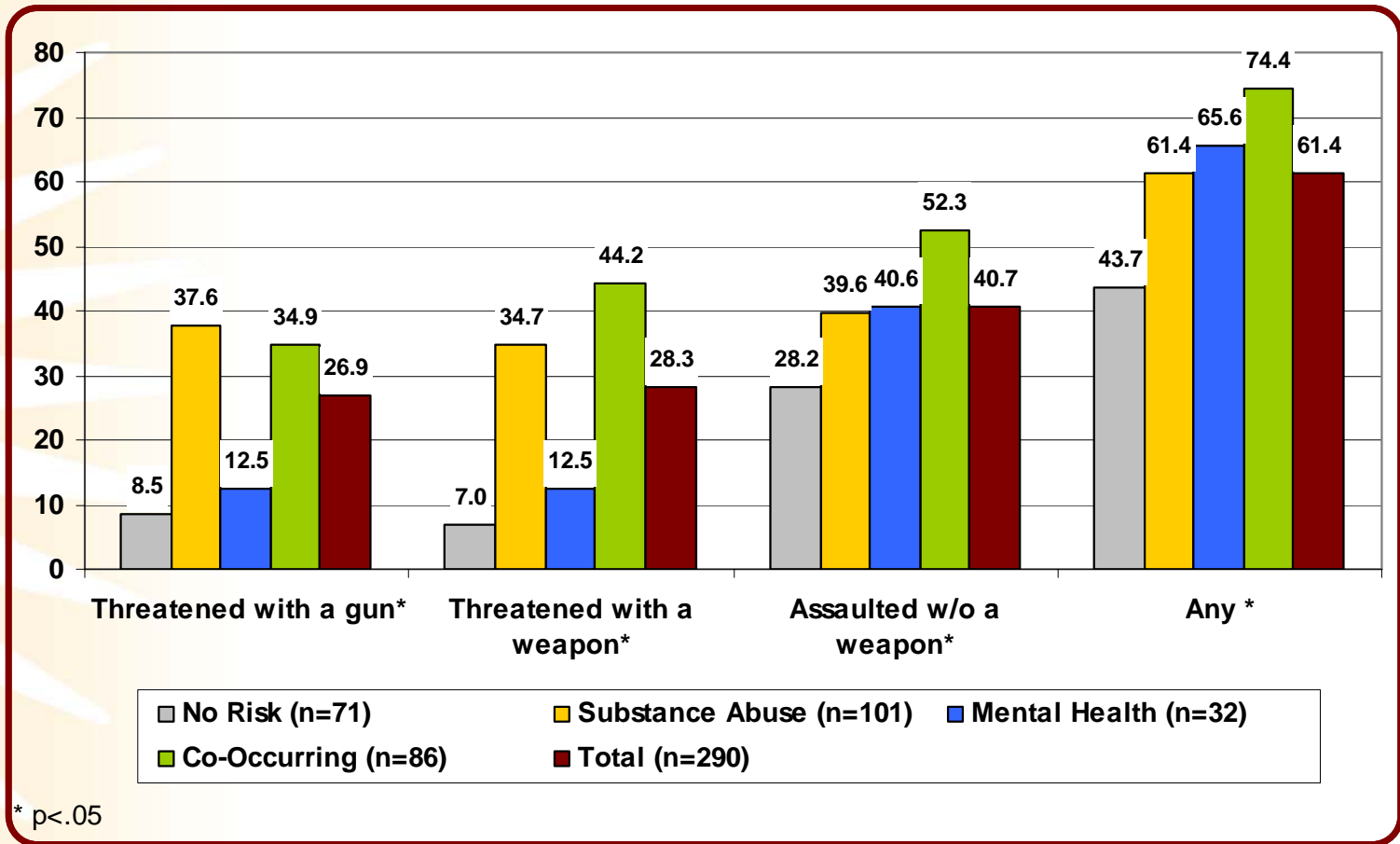
Current Offense by Co-Occurring Disorder *



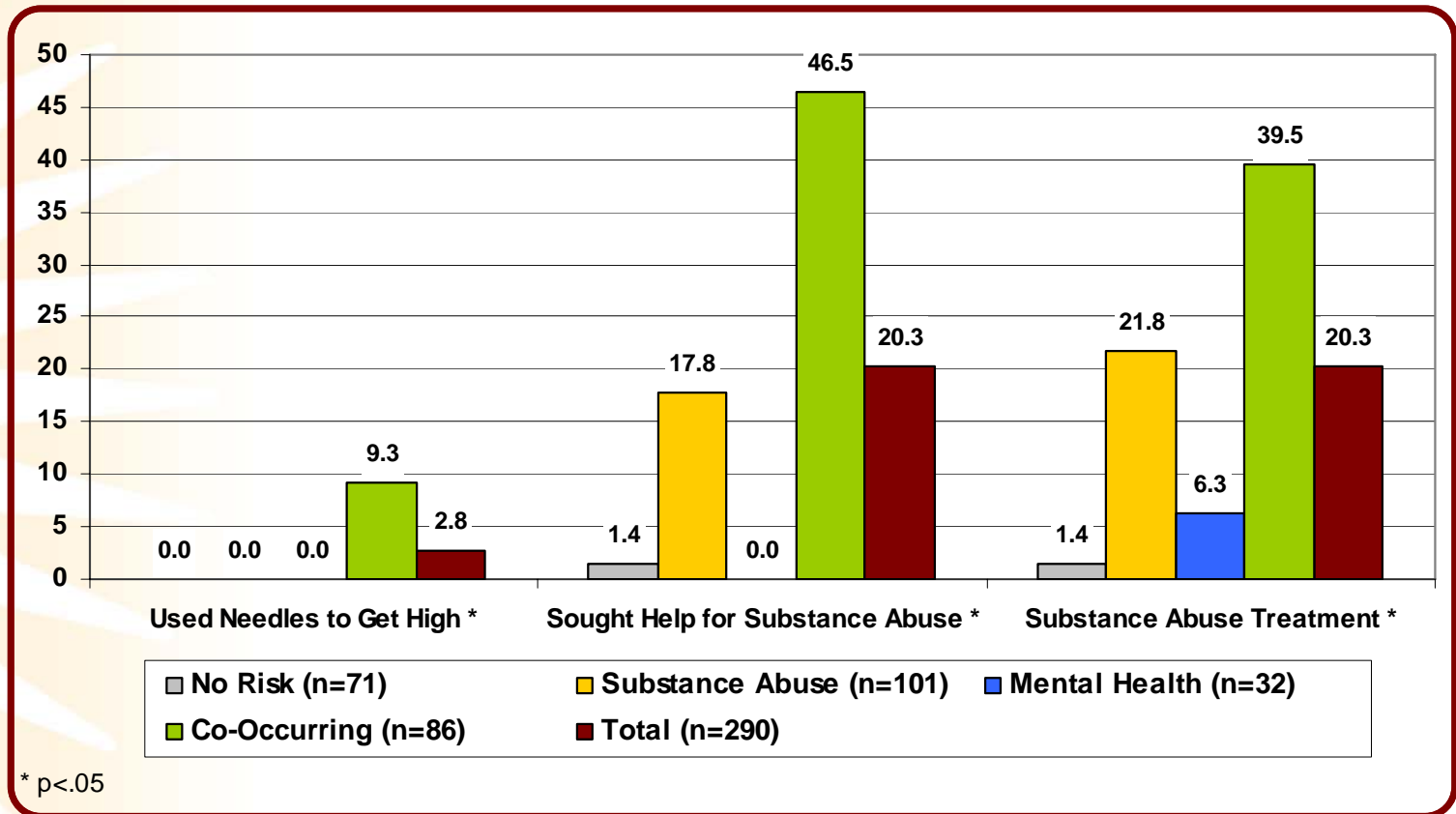
Prior Arrests and Incarceration

- Respondents classified as at-risk for a Co-Occurring disorder, were:
 - Significantly more likely to have been arrested in the past 12 months.
 - 28% were arrested 3 or more times
 - On average, they were arrested 1.9 times in the past year, compared to 0.9 times for the non-risk group.
 - More than 16% of them had served time in jail/prison in the past 12 months at least 3 times, only 4-12% of other groups were incarcerated so frequently.

Violent Victimization *



Public Health and Treatment Concerns



Summary

- **AARIN findings support that the co-occurring disorder population place tremendous stress on the criminal justice system – in both nature and scope.**
 - Scope – 29.7% of our sample qualified at-risk for a co-occurring disorder (86 of 290 arrestees).
 - Most arrestees with any mental health problems, also had co-occurring substance abuse:
 - just 11% (n=32) of respondents were classified as having mental health problems without substance abuse.
 - They are more likely to be arrested, and more frequently.

Summary, continued

- **Nature of the problem of co-occurring disorder arrestees:**
 - Societal and public health sector demands:
 - Twice as likely to be homeless
 - Significantly more likely for IV drug use
 - Criminal justice system demands:
 - Less likely to be violent offenders
 - More likely to be arrested and jailed, and more frequently
 - At significant risk for violent victimization – including assaults, aggravated assaults, injuries from firearms and other weapons, and robberies.