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Bullying Prevention: Best Practices and Opportunities for Integration with Suicide Prevention Efforts

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Topics to Be Covered

- Overview of bullying
 - Definition
 - Prevalence
 - Characteristics and forms
 - Effects
- Prevention efforts
 - Common elements of effective school-based bullying prevention programs
 - Risk and protective factors addressed by both bullying and suicide prevention programs
 - Ways to integrate bullying and suicide prevention into a comprehensive school violence prevention initiative



Defining Bullying

- Aggressive behavior that *Intends* to cause harm or distress
- Usually is *Repeated* over time
- Occurs in a relationship where there is an imbalance of *Power* or strength

Why Focus on Bullying?

Growing National & Local Concerns

- High profile cases and specific incidents (Leary et al., 2003; Verlinden et al., 2000)
- Increased awareness of negative effects
 - Social-emotional & mental health (Nansel et al., 2001)
 - Academic performance (Glew et al., 2005)
 - Health (Fekkes et al., 2006)
- 50 states have passed legislation related to bullying (Limber & Alley, 2006; USDOE, 2011)
 - SD was most recent
 - Many emphasize reporting
 - Most outline a model policy
 - Less emphasis on training and evidence-based prevention
 - 80% address cyberbullying

Prevalence of Bullying

- Being bullied 1 or more times *in the last month*
 - Elementary – 48%
 - Middle – 47%
 - High – 39%
- Frequent involvement in bullying (2+ in last month)
 - Elementary – 31%
 - Middle – 31%
 - High – 26%
- *Ever* bully someone else
 - Elementary – 24%
 - Middle – 45%
 - High – 54%
- Witnessing bullying *during the last month*
 - Elementary – 58%
 - Middle – 74%
 - High – 79%

N=25,119 (Students grades 4-12; December 2005). Also see: Bradshaw et al., 2007, 2008; Nansel et al., 2001; O'Brennan, Bradshaw & Sawyer, 2009; Spriggs et al., 2007; Finkelhor et al., 2010.

Personal Experiences with Bullying

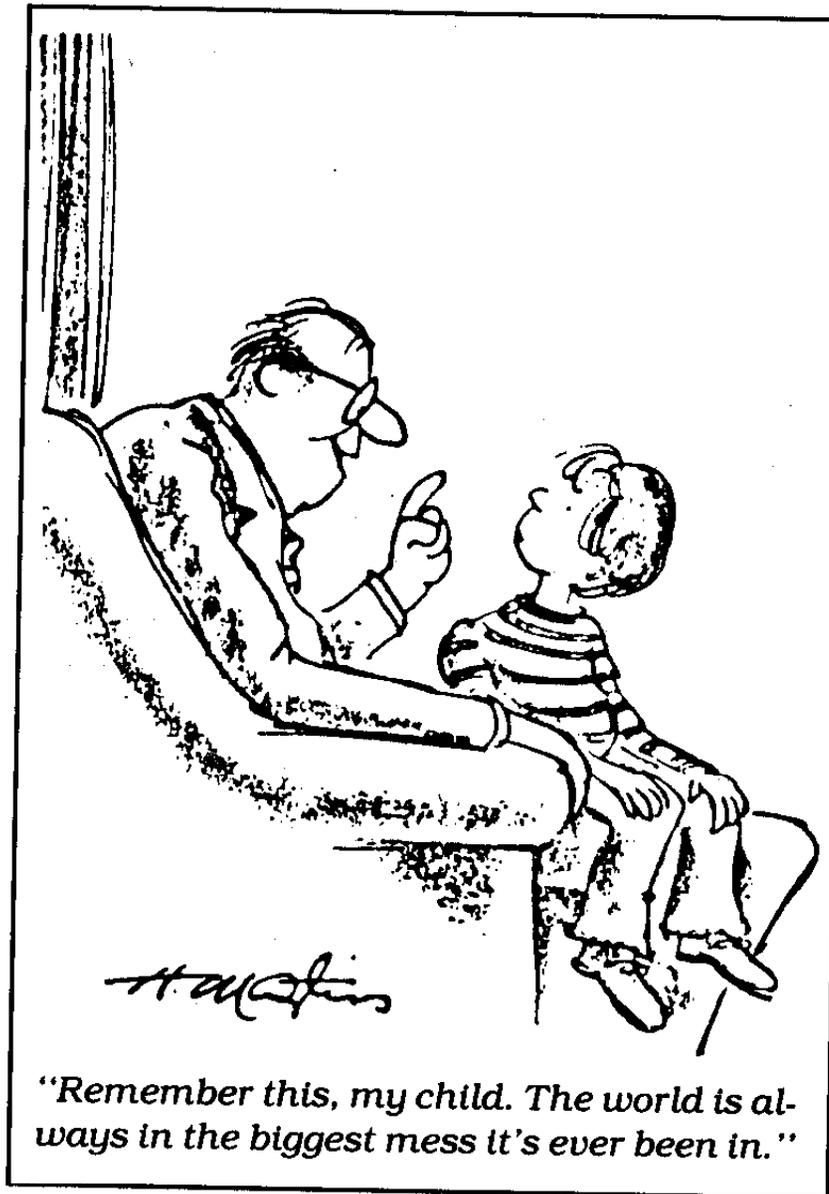
Think back ...



Were you (or someone you care about) ever a:



(Nansel et al., 2001; 15,686 grades 6-10)

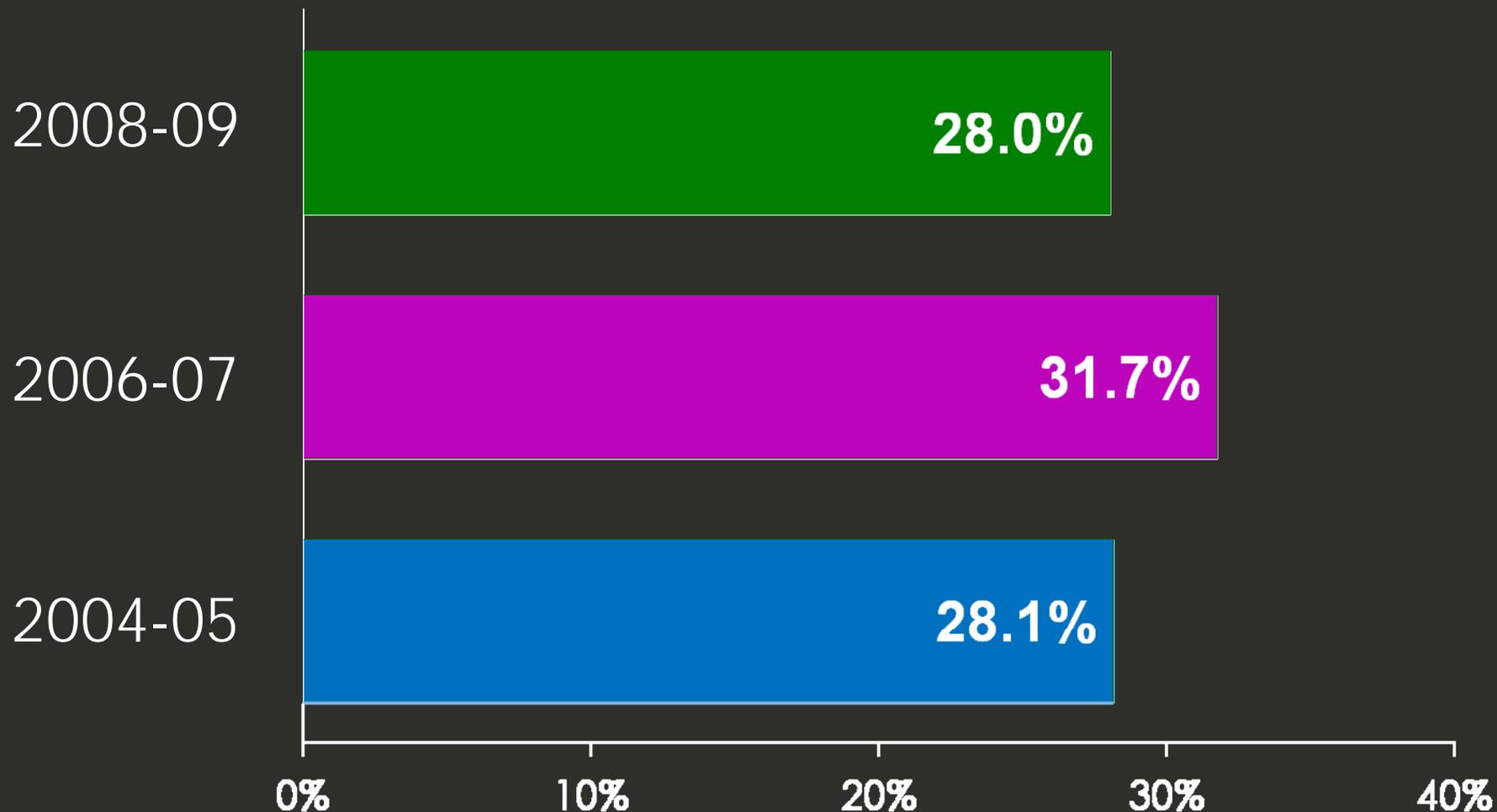


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Is Bullying on the Increase?

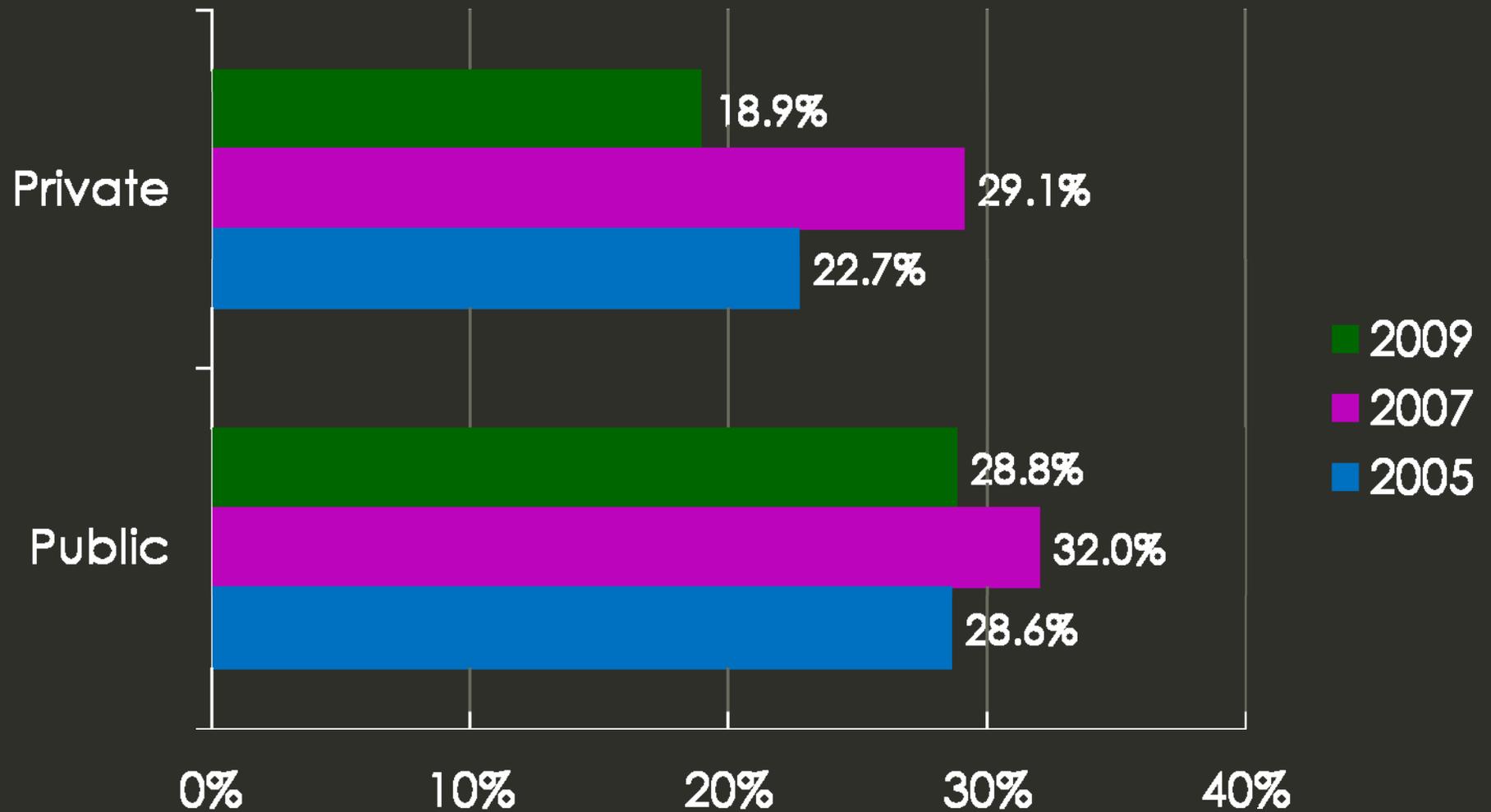
- Some recent national data suggest a slight decrease in bullying (e.g., Finkelhor et al., 2010; Spriggs et al., 2007, IES, 2012; CDC, 2012)
- However, cyberbullying may be on the increase
 - May be due to greater access to technology (phones, Internet)
 - Issues related to ‘sexting’ also appear to be on the increase (Mitchell et al., 2012)

Percent of Students Ages 12-18 Bullied at School



SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, "Student Reports of Bullying and Cyber-Bullying: Results From the 2009 School Crime Supplement to the National Crime Victimization Survey" Web Tables (NCES 2011-336).

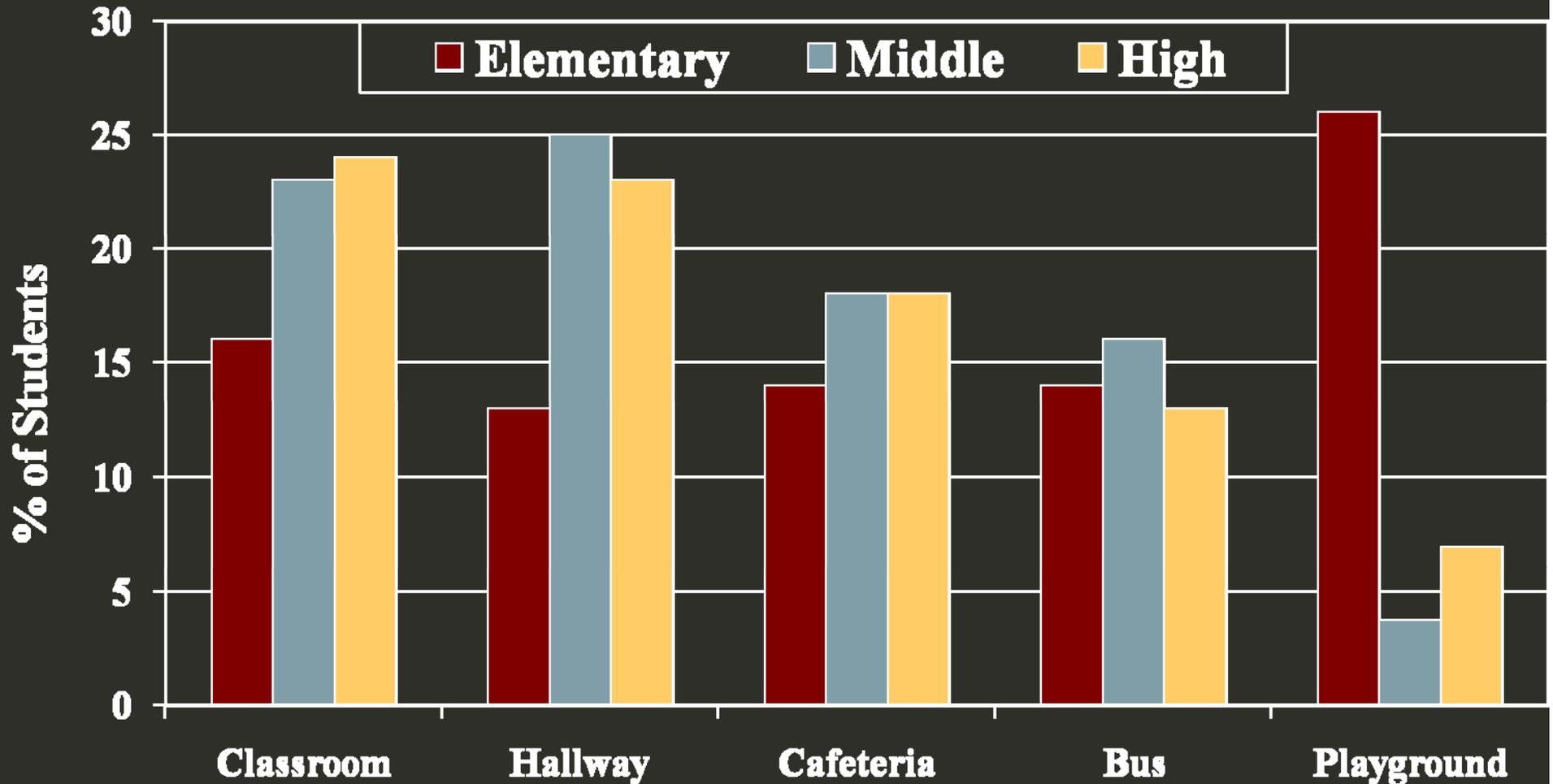
Percent of Students Ages 12-18 Bullied, by School Type



SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, "Student Reports of Bullying and Cyber-Bullying: Results From the 2009 School Crime Supplement to the National Crime Victimization Survey" Web Tables (NCES 2011-336).

Location of Bullying

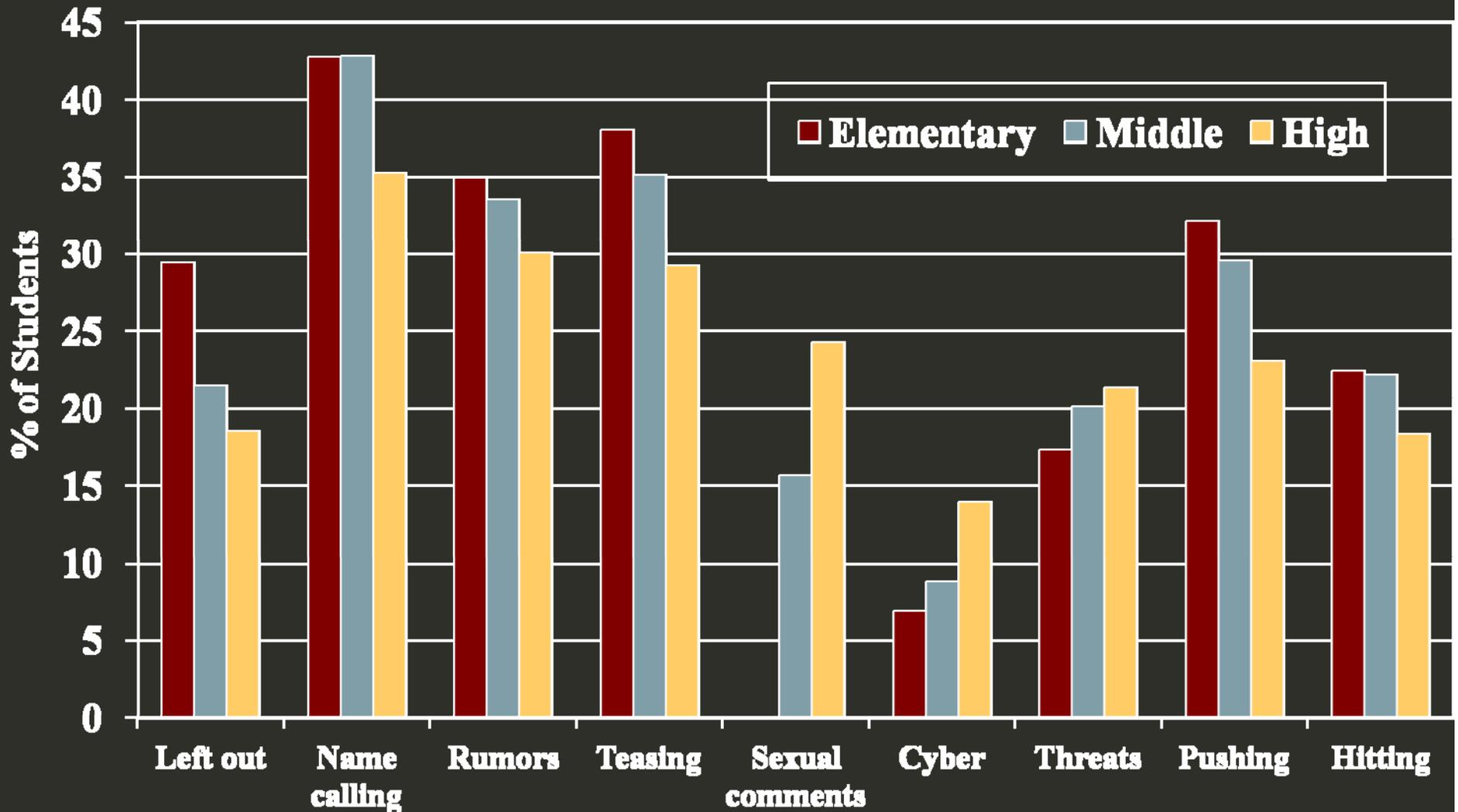
Where were you bullied within the last month?



N=25,119 (Students grades 4-12; December 2005)

Forms of Bullying

How were you bullied within the last month?



(N=25,119 students grades 4-12)

Cyberbullying/ Electronic Aggression

- “willful and repeated harm inflicted through the use of computers, cell phones, and other electronic devices”
- Less common than other forms of bullying
 - 15-35% of youth have ever been victims of cyberbullying
 - 10-20% admit ever cyberbullying others
- Most know, or think they know who the perpetrator is
- 28-33% of victims of cyberbullying tell no one about it (NCH, 2005; Smith et al. 2006)
 - Similar rates of disclosure to traditional bullying

(Kowalski et al., 2007; Spriggs et al., 2010)

Types of Cyberbullying

- **Flaming:** online fights with angry language
- **Harassment:** repeatedly sending mean or insulting messages
- **Denigration:** sending gossip, rumors
- **Outing:** sharing secrets or embarrassing information
- **Trickery:** tricking someone to sharing secrets
- **Impersonation:** pretending to be someone else, while posting damaging material
- **Exclusion:** cruelly excluding someone
- **Cyberstalking:** intense harassment that includes threats and creates fear

Cyberbullying/ Electronic Aggression (cont)

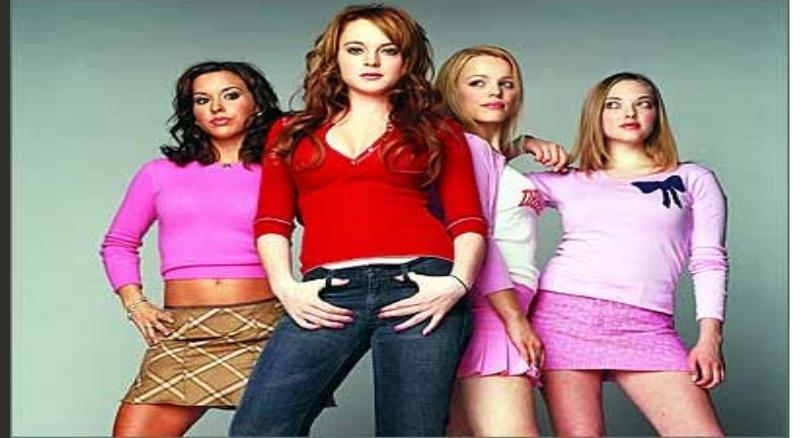
- Immediate impact for victims
 - 33% felt very or *extremely upset* (Ybarra & Mitchell (2004)
 - 38% felt *distress* (Ybarra et al., 2006)
- Compared to traditional bullying (Smith et al., 2006)
 - Picture/video clip and phone call bullying were perceived as more hurtful
 - Text message roughly equal
 - Email bullying less hurtful
- About 50% of cyberbully victims and offenders experience bullying off-line

Development Differences

- Tends to peak in middle school
 - Except cyberbullying, which appears to increase through high school
 - Relational may persist beyond physical
- Little research on younger children
 - Poorer social-emotional skills
 - Higher base rates of aggressive behavior and 'rough and tumble play'

(Nansel et al. JAMA, 2001; Rigby, 2008)

Gender Differences



- Males generally more likely than females to be both perpetrators and victims
 - Except cyberbullying, which may be more common among girls
 - Physical forms more common among boys
 - Indirect (relational) about equal for males and females
 - Girls more sensitive to relational forms of bullying
 - Boys more sensitive to physical forms of bullying

(Card et al., 2008; Bradshaw et al., 2011; Crick et al., 2004 Nansel et al. JAMA, 2001)

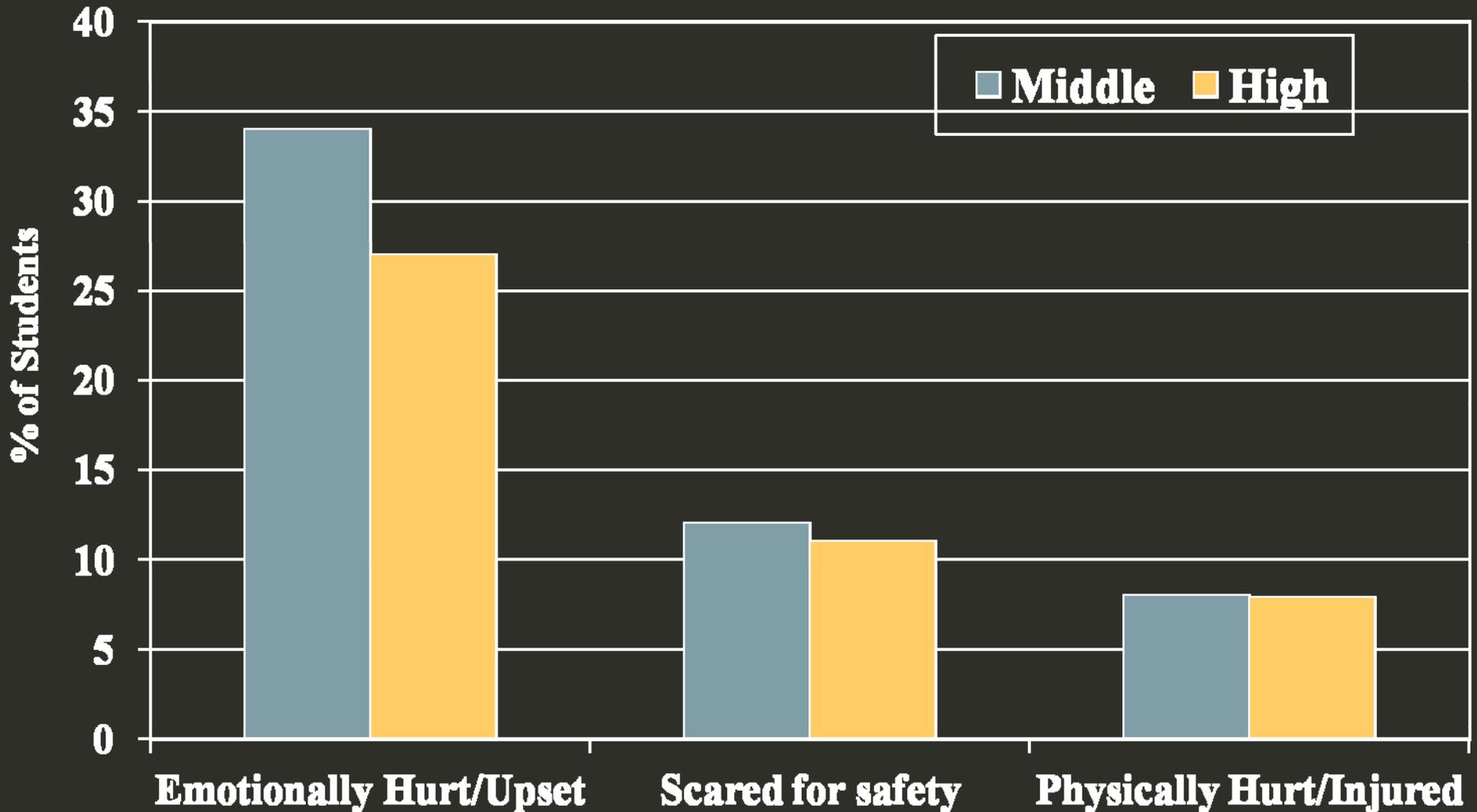
USDOE's Dear Colleague Letter Harassment and Bullying (October 26, 2010)

- Clarifies the relationship between bullying and discriminatory harassment under the civil rights laws enforced by the Department of Education's Office for Civil Rights (OCR).
- Explains how student misconduct that falls under an anti-bullying policy also may trigger responsibilities under one or more of the anti-discrimination statutes enforced by OCR.
- Reminds schools that failure to recognize discriminatory harassment when addressing student misconduct may lead to inadequate or inappropriate responses that fail to remedy violations of students' civil rights.
- Discusses racial and national origin harassment, sexual harassment, gender-based harassment, and disability harassment and illustrates how a school should respond in each case.

<http://www2.ed.gov/about/offices/list/ocr/letters/colleague-201010.html>

Immediate Effects of Bullying

When you were bullied, were you:



Effects of Bullying for Victims & Perpetrators

Academic Performance & Engagement

- V&P - Absenteeism, avoidance of school, dropout (Smith et al., 2004; Rigby, 1996)
- V&P - Dislike school, feel less connected to others at school, & lower grades (Bradshaw et al., 2008; Eisenberg et al., 2003)
- V&P - Perceive climate to be less favorable & feel unsafe at school (Bradshaw et al., 2008)
- V&P - Lower class participation - leads to lower achievement (Buhs et al., 2006)

(Note. V = Victim, P = Perpetrator)

Effects of Bullying for Victims & Perpetrators

Physical Illness (Fekkes et al., 2003)

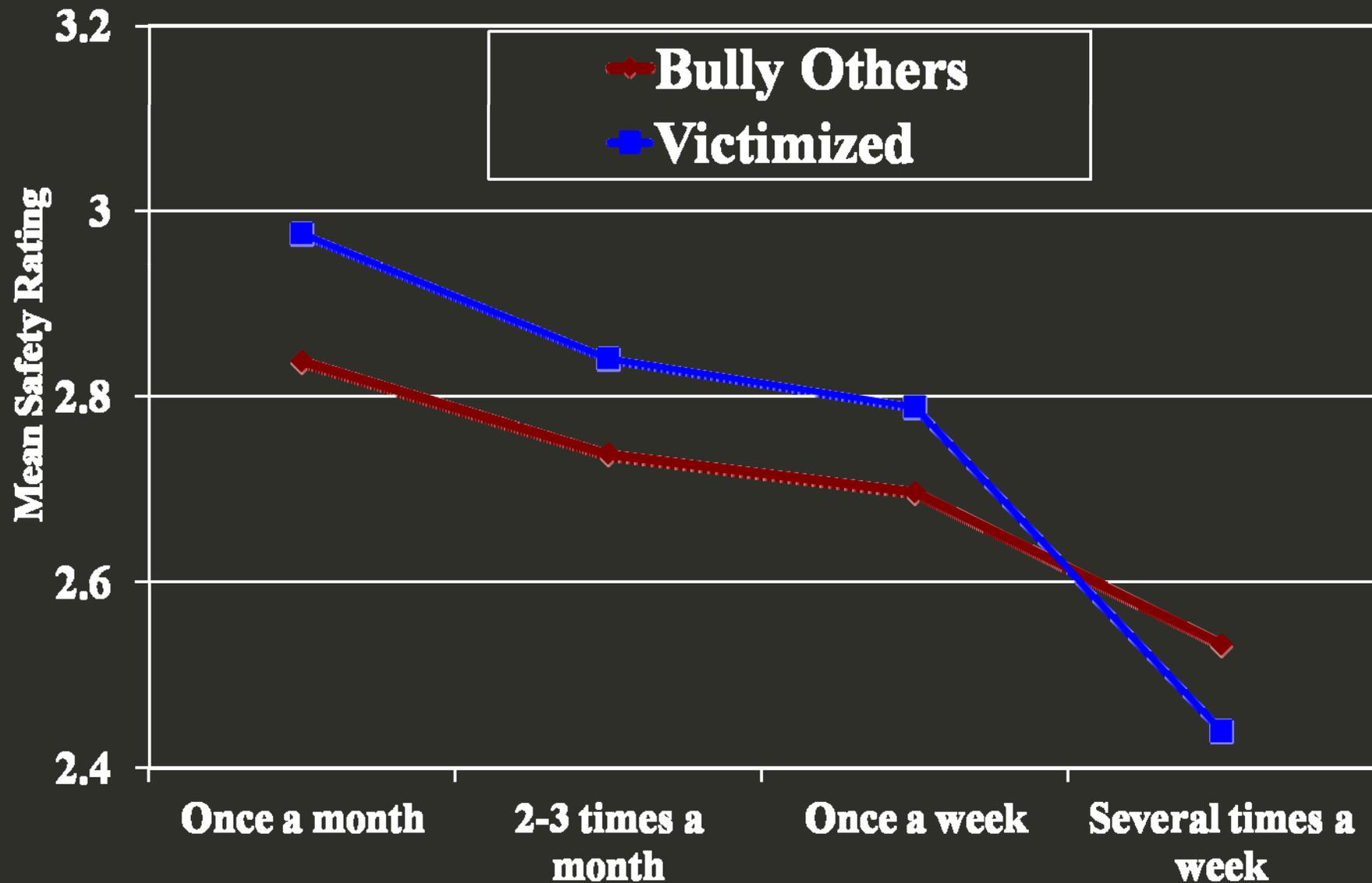
- V - Headaches (3 times as likely)
- V - Problems sleeping (twice as likely)
- V - Abdominal pain (twice as likely)

Social-Emotional Problems

- V - Anxiety & Depression (Eagan & Perry, 1998)
- P - Aggressive behavior & attitudes supporting retaliation (Bradshaw et al., 2008)
- P(&V) - Suicidal ideation (Rigby, 1996; van der Wal et al., 2003)

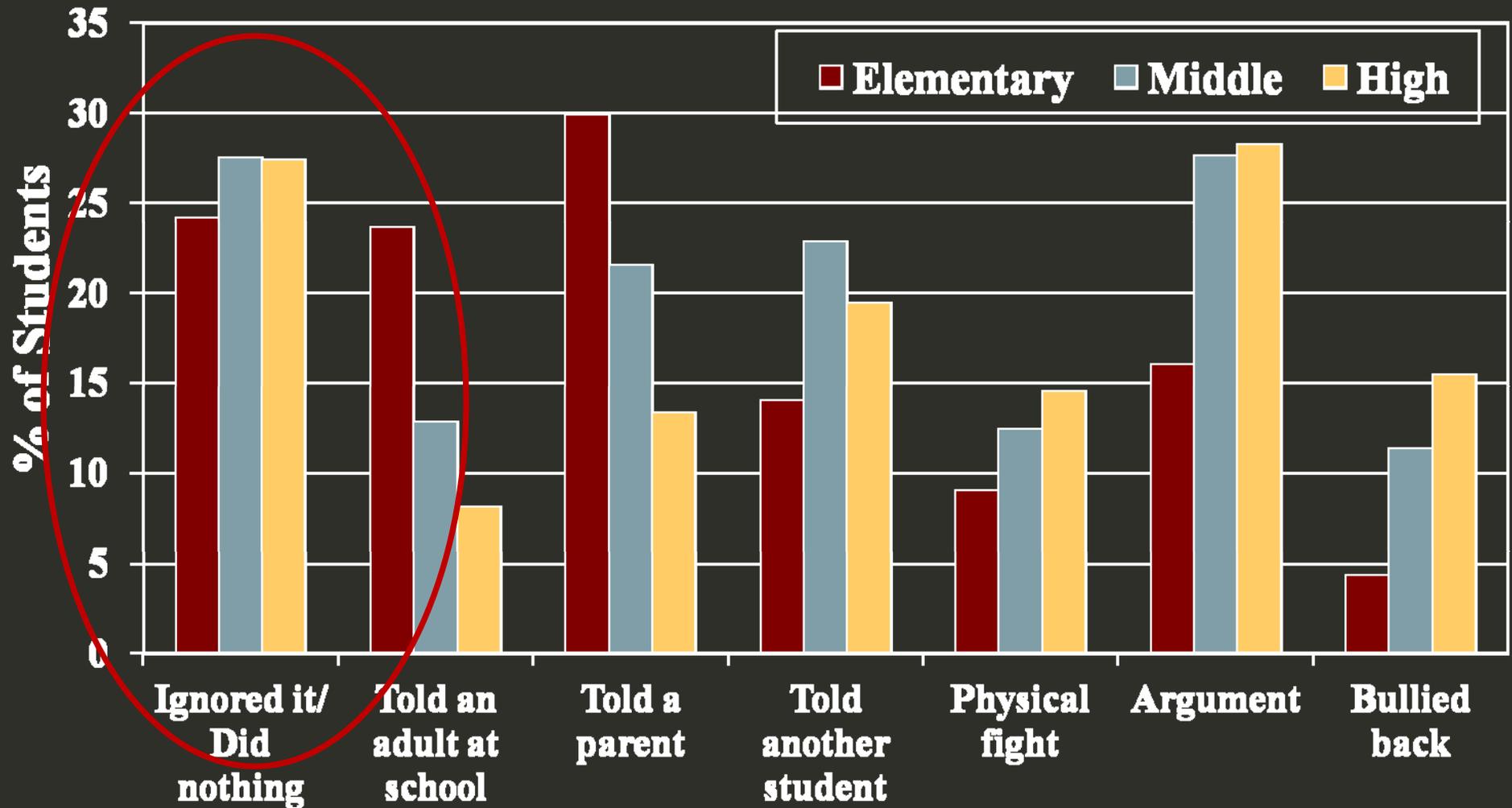
(Note. V = Victim, P = Perpetrator)

Perceptions of Safety By Frequency of Involvement in Bullying



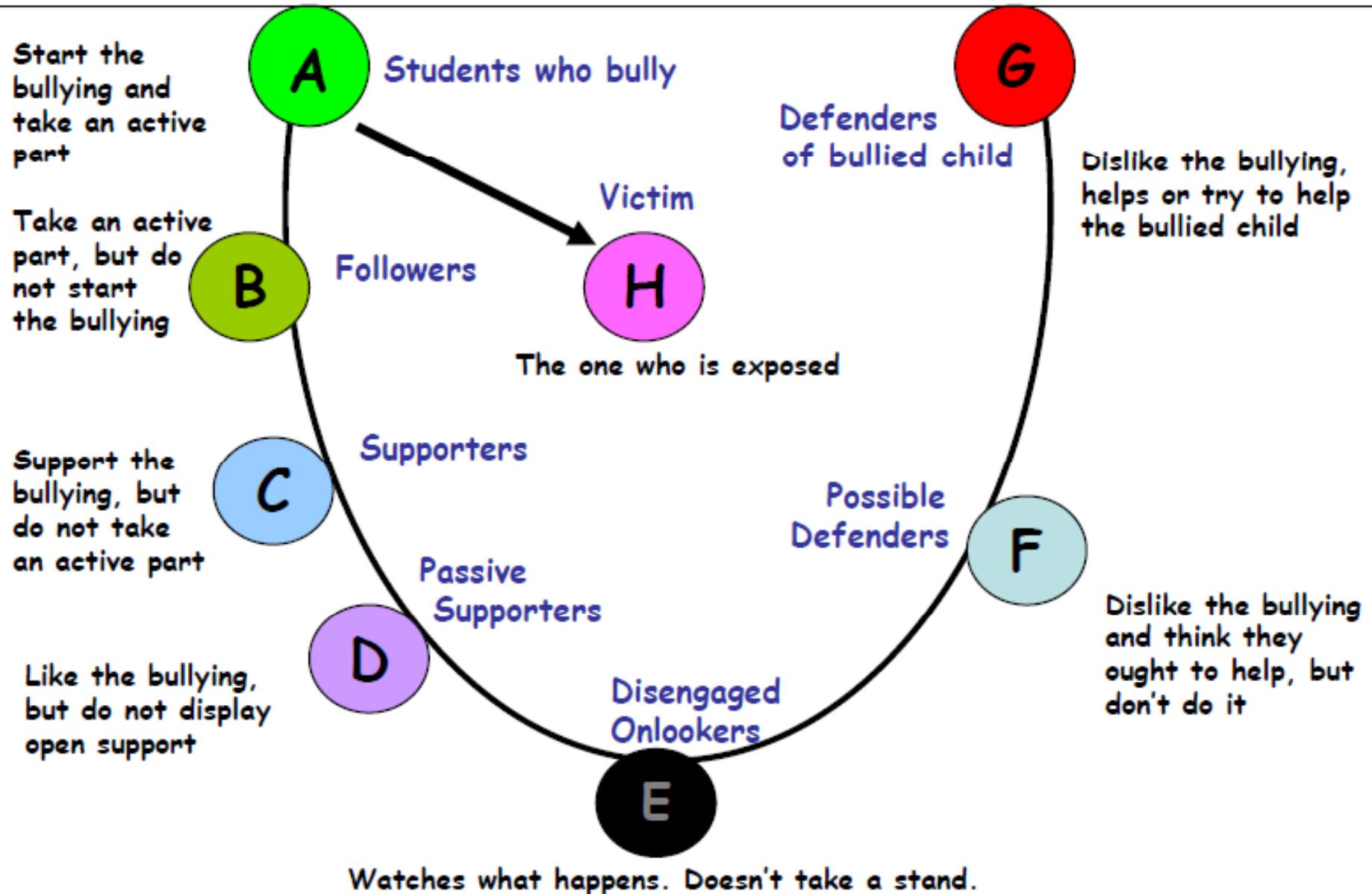
Response to Bullying

When you were bullied, what did you do?



N=25,119 (Students grades 4-12; Waasdorp & Bradshaw, 2011)

The Bullying Circle: Students' Reactions/Roles in a Bullying Situation (Olweus)

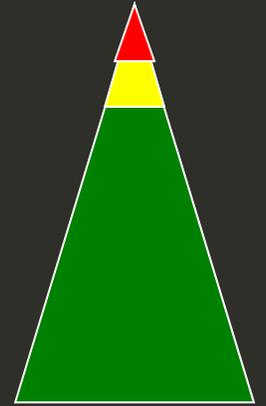


High School Students' Responses to Bullying

- When students see bullying they are most likely to
 - stay out of the bullying
 - try to stop the bullying
 - ignore the bullying
 - comfort the victim
- 31.7% of students believe that students in their school try to stop bullying

(MDS3 Spring 2011 Sample: 21,189 Students)

Effective Approaches to Bullying Prevention



- Multi-tiered public health prevention approaches
 - *Universal* system of support, geared towards all students in the school
 - *Selected* interventions to support at-risk students (10-15%)
 - *Indicated* interventions for students already involved in bullying (5-10%)

(Mrazek & Haggerty, 1994; O'Connell et al., 2009; Walker et al., 1996; also see www.PBIS.org)

School-wide Prevention Activities

- Establish common set of *expectations* for positive behavior across all school contexts
- Establish and implement clear *anti-bullying policies*
- Involve *all school staff* in prevention activities
- Train teachers to implement effective *classroom management* strategies and how to respond to bullying
- Collect *data* to inform prevention programming and surveillance
- Provide high-levels of *supervision* in bullying “hot spots” (e.g., playgrounds, hallways, cafeteria)

(Stopbullying.gov; Olweus, 1993; Olweus et al., 2007)

Involving Families And Communities

- Training for parents
 - How to talk with their children about bullying
 - How to communicate concerns about bullying to the school
 - How to get actively involved in school-based prevention efforts
- Bullying prevention activities for the community
 - Awareness and social marketing campaigns
 - Messages tailored for specific groups of adults (e.g., doctors, police officers)
 - Opportunities to become involved in prevention activities

(Stopbullying.gov; Lindstrom Johnson et al., in press; Olweus, 1993; Olweus et al., 2007; Waasdorp, Bradshaw, & Duong, 2011)

Non-Recommended Approaches To Bullying Prevention

- Peer mediation, peer-led conflict resolution, and peer mentoring (Ttofi & Farrington, 2011)
 - Suggests a disagreement, rather than peer abuse
 - May increase bullying and victimization
- Brief assemblies or one-day awareness raising events
 - Insufficient for changing a climate of bullying or producing sustainable effects
- Zero tolerance policies that mandate suspensions (APA, 2008)
 - May lead to under-reporting
 - Little evidence of effectiveness
 - Does not provide intervention to change behaviors

(also see Bradshaw & Waasdorp, 2011; Stopbullying.gov)

Comments on Evidence-based Programs

- Meta-analysis found that school-based, anti-bullying prevention programs reduced bullying and victimization by an average of 20-23% (Ttofi & Farrington, 2011)
- Challenges
 - Many programs exist, but we need more research on what works for whom and under what conditions
 - No single program will meet all schools' needs
 - Fidelity of implementation
 - Commitment to sustainability



Examples of Evidence-based Programs

- Olweus Bullying Prevention Program (Olweus et al., 2007)
 - Multi-component, school-wide intervention
 - Classroom activities and meetings
 - Targeted interventions for students involved in bullying
 - Activities to increase community involvement
 - Studies in Norway and some in the U.S. show positive effects (Ttofi & Farrington, 2011)

Examples of Evidence-based Programs (cont)

- Steps to Respect
 - Multi-component, school-wide prevention program
 - Parent activities and classroom-focused lessons
 - Targeted interventions for students involved in bullying facilitated by counselors
 - Studies show positive effects (Frey et al., 2005; 2009)

Examples of Evidence-based Programs (cont)

- Violence prevention approaches and social-emotional learning curricula may also impact bullying
 - Promoting Alternative Thinking Strategies (PATHS)
 - Second Step
 - Coping Power
 - Good Behavior Game
 - Positive Behavioral Interventions and Supports (PBIS)

(See Bradshaw & Waasdorp, 2011; NREPP; Blueprints for Violence Prevention)

Integration of Bullying and Suicide Prevention Efforts

- Integration of school-based programs and initiatives is critical
 - Schools on average are using about 14 different violence prevention programs or strategies (Gottfredson & Gottfredson, 2001)
 - Can lead to ‘program fatigue’
 - Overwhelming for school staff, making it difficult to implement programs with fidelity
 - Results in poor sustainability
 - Create a coordinated, long-term integrated prevention plan to promote a safe and supportive learning environment and healthy students

(Domitrovich, Bradshaw et al., 2010)

Common Prevention Strategies

- Bullying and suicide prevention share common strategies:
 - Focus on the school environment
 - Family outreach
 - Identification of students in need of mental and behavioral health services
 - Helping students and their families find appropriate services



Overlap in Risk and Protective Factors for Bullying & Suicide

- Overlapping risk and protective factors
 - Risks
 - Depression, anxiety, poor emotion regulation, and impulse control problems
 - Protective
 - Connectedness, social support, and integration to reduce social isolation



(CDC, nd; Guerra & Bradshaw, 2008; Lambert et al., 2008; O'Brennan et al., Zenere & Lazarus, 2009)

Targeting Common Risk Factors

- Develop strategies for identifying students at risk for a range of behavioral health problems
 - Including suicidal behavior and conduct problems
- Both suicide and bullying may be prevented using strategies to identify and treat students with these risk factors
 - Classroom-based prevention program (Good Behavior Game) focused on impulse control and group cohesion reduced suicide ideation and bullying (Ialongo et al., 1999; Wilcox et al., 2008)
 - Additional research is needed in this area



Shared Features of Suicide and Bullying Prevention Efforts

- Policies and procedures for identifying and responding to students at risk for bullying and/or suicide
 - Staff training
 - Linkages with community mental health centers
- Creating a school culture that promotes connectedness
 - Discourages bullying
 - Students support each other emotionally
- Educating parents
 - Identify risk factors for bullying and suicide
 - What to do when a child is involved or at risk
- Increasing adult supervision



(CDC, n.d.; Farrington & Ttofi, 2009; SAMHSA, in press; Speaker & Petersen, 2000)

Action Steps: Creating Synergy in Addressing Both Suicide and Bullying

- Start prevention early
 - Bullying begins at an age before many of the warning signs of suicide are evident
 - Prevent bullying among younger children
 - May have significant benefits as children enter the developmental stage when suicide risk begins to rise and bullying peaks
 - Assess both perpetrators and victims of bullying for risk factors associated with suicide



Action Steps: Creating Synergy in Addressing Both Suicide and Bullying (cont)

- Use a comprehensive approach that addresses
 - Youth, especially those at risk for or experiencing mental health problems (e.g., depression)
 - School context
 - Family
 - Community



Action Steps: Creating Synergy in Addressing Both Suicide and Bullying (cont)

- Engage the bystander
 - Bullying often takes place in areas hidden from adults
 - Often a disconnect between what youth see and what adults see
 - Peers often first aware
 - Encourage the bystander to tell adults about concerns they may have about their peers
 - Safe and structured manner to involve youth in preventing both bullying and suicide

(Bradshaw et al., 2007)

Action Steps: Creating Synergy in Addressing Both Suicide and Bullying (cont)

- Keep up with technology
 - Increasing trend in use of technology in bullying
 - Youth may use social media and new technologies to express suicidal thoughts
 - Adults need to learn how to navigate this new world (e.g., supervision)
 - Programs should incorporate technology in screening, prevention, and intervention



Resources on Suicide Prevention

- Suicide Prevention Resource Center
 - Information and best practices registry
 - www.SPRC.org
- American Foundation for Suicide Prevention
 - Media Guidelines
 - www.afsp.org/media

INSTEAD OF THIS:



- Big or sensationalistic headlines, or prominent placement (e.g., "Kurt Cobain Used Shotgun to Commit Suicide").
- Including photos/videos of the location or method of death, grieving family, friends, memorials or funerals.
- Describing recent suicides as an "epidemic," "skyrocketing," or other strong terms.
- Describing a suicide as inexplicable or "without warning."
- "John Doe left a suicide note saying..."
- Investigating and reporting on suicide similar to reporting on crimes.
- Quoting/interviewing police or first responders about the causes of suicide.
- Referring to suicide as "successful," "unsuccessful" or a "failed attempt."

DO THIS:



- Inform the audience without sensationalizing the suicide and minimize prominence (e.g., "Kurt Cobain Dead at 27").
- Use school/work or family photo; include hotline logo or local crisis phone numbers.
- Carefully investigate the most recent CDC data and use non-sensational words like "rise" or "higher."
- Most, but not all, people who die by suicide exhibit warning signs. Include the "Warning Signs" and "What to Do" sidebar (from p. 2) in your article if possible.
- "A note from the deceased was found and is being reviewed by the medical examiner."
- Report on suicide as a public health issue.
- Seek advice from suicide prevention experts.
- Describe as "died by suicide" or "completed" or "killed him/herself."

Resources on Bullying Prevention

- StopBullying.gov
 - Tip sheets and other resources for multiple audiences
- FindYouthInfo.gov
 - Interagency resources on range of youth-related topics
- National Registry of Evidence-based Practices and Programs
 - <http://nrepp.samhsa.gov/>
- Blueprints for Violence Prevention
 - <http://www.colorado.edu/cspv/blueprints/>

References

- American Psychological Association (APA) Zero Tolerance Task Force. (2008). Are zero tolerance policies effective in the schools?: An evidentiary review and recommendations. *American Psychologist*, 63(9), 852-862.
- Bradshaw, C.P., Sawyer, A.L., & O'Brennan, L.M. (2007). Bullying and peer victimization at school: Perceptual differences between students and school staff. *School Psychology Review*, 36 (3), 361-382.
- Bradshaw, C. & Waasdorp, T. (2011). *Effective Strategies In Combating Bullying*. White paper prepared for the White House. Washington, DC.
http://www.stopbullying.gov/references/white_house_conference/index.html
- Centers for Disease Control and Prevention. (n.d.). *Strategic direction for the prevention of suicidal behavior: Promoting individual, family, and community connectedness to prevent suicidal behavior*. Atlanta, GA: Author.
- Domitrovich, C.E., Bradshaw, C.P., Greenberg, M.T., Embry, D., Poduska, J., & Ialongo, N. S. (2010). Integrated models of school-based prevention: Theory and logic. *Psychology in the Schools*, 47(1), 71-88.
- Farrington, D., & Ttofi, M. (2009). How to reduce school bullying. *Victims and Offenders*, 4(4), 321-326.

References

- Frey, K. S., Hirschstein, M. K., Edstrom, L. V., & Snell, J. L. (2009). Observed reductions in school bullying, nonbullying aggression, and destructive bystander behavior: A longitudinal evaluation. *Journal of Educational Psychology, 101*(2), 466–481.
- Frey, K., Hirschstein, M.K., Snell, J. L., van Schoiack Edstrom, L., MacKenzie, E.P., & Broderick, C.J. (2005). Reducing playground bullying and supporting beliefs: An experimental trial of the Steps to Respect program. *Developmental Psychology, 41*, 479-491.
- Gottfredson, G. D., & Gottfredson, D. C. (2001). What schools do to prevent problem behavior and promote safe environments. *Journal of Educational and Psychological Consultation, 12*, 313-344.
- Guerra, N.G. & Bradshaw, C.P. (2008). Linking the prevention of problem behaviors and positive youth development: Core competencies for positive youth development. In N. G. Guerra, & C. P. Bradshaw (Guest Editors), Core competencies to prevent problem behaviors and promote positive youth development. *New Directions for Child and Adolescent Development, 122*, 1-17.

References

- Ialongo, N. S., Werthamer, L., & Kellam, S. G. (1999). Proximal impact of two first-grade preventive interventions on the early risk behaviors for later substance abuse, depression, and antisocial behavior. *American Journal of Community Psychology, 27*(5), 599-641.
- Lambert, S. F., Copeland-Linder, N., & Ialongo, N. S. (2008). Longitudinal associations between community violence exposure and suicidality. *Journal of Adolescent Health, 43*(4), 380-386.
- Lindstrom Johnson, S., Finigan, N., Bradshaw, C. P., Haynie, D. & Cheng, T. (in press). Urban parents' messages about violence: A mixed methods study of African American youth and their parents' conversations about how to resolve interpersonal conflict. *Journal of Adolescent Research*.
- Mrazek, P. J., & Haggerty, R. J. (1994). *Reducing risks for mental disorders: Frontiers for preventive intervention research*. Washington DC: Institute of Medicine. National Academy Press.
- O'Brennan, L., Bradshaw, C.P., & Sawyer, A.L. (2009). Examining developmental differences in the social-emotional problems among frequent bullies, victims, and bully/victims. *Psychology in the Schools, 46*(2), 100-115.

References

- O'Connell, M. E., Boat, T., & Warner, K. E. (2009). *Preventing mental, emotional, and behavioral disorders among young people: Progress and possibilities*. Washington, DC: Committee on the Prevention of Mental Disorders and Substance Abuse Among Children, Youth and Young Adults: Research Advances and Promising Interventions; Institute of Medicine; National Research Council. The National Academies Press.
- Olweus, D. (1993). *Bullying at school*. Oxford, England: Blackwell.
- Olweus, D., Limber, S. P., Flerx, V. C., Mullin, N., Riese, J., & Snyder, M. (2007). *Olweus Bullying Prevention Program: Schoolwide guide*. Center City, MN: Hazelden.
- Speaker, K. M., & Petersen, G. J. (2000). School violence and adolescent suicide: Strategies for effective intervention. *Educational Review*, 52(1), 65-73.
- Stopbullying.gov. (n.d). Best practices in bullying prevention and intervention.
- Substance Abuse and Mental Health Services Administration. (in press). *Preventing suicide: A toolkit for high schools*. Washington, DC: Substance Abuse and Mental Health Services Administration.

References

- Ttofi, M. M., & Farrington, D. P. (2011). Effectiveness of school-based programs to reduce bullying: A systematic and meta-analytic review *Journal of Experimental Criminology*, 7(1), 27-56.
- Waasdorp, T. E., Bradshaw, C. P. & Duong, J. (2011). The link between parents' perceptions of the school and their responses to school bullying: Variation by child characteristics and the forms of victimization. *Journal of Educational Psychology*, 103(2), 324-335.
- Walker, H., Horner, R. H., Sugai, G., Bullis, M., Sprague, J., Bricker, D., & Kaufman, M. J. (1996). Integrated approaches to preventing antisocial behavior patterns among school-age children and youth. *Journal of Emotional and Behavioral Disorders*, 4, 194-209.
- Wilcox, H. C., Kellam, S. G., Brown, C. H., Poduska, J. M., Ialongo, N. S., Wang, W., & Anthony, J. C. (2008). The impact of two universal randomized first- and second-grade classroom interventions on young adult suicide ideation and attempts. *Drug and Alcohol Dependence*, 95(Suppl 1), S60-73.
- Zenere, F., & Lazarus, P. (2009). The sustained reduction of youth suicidal behavior in an urban, multicultural school district. *School Psychology Review*, 18(2), 189–199.