

PROTECTIVE FACTORS AGAINST YOUTH SUICIDE

Protective factors are personal or environmental characteristics that reduce the probability of suicide. Protective factors can buffer the effects of risk factors. The capacity to cope positively with the effects of risk factors is called "resilience." Actions by school staff to enhance protective factors are an essential element of a suicide prevention effort. Strengthening these factors also protects students from other risks, including violence, substance abuse, and academic failure.

There is no single, agreed-upon list of protective factors. The list below summarizes the protective factors identified by the most recent research.

Individual Characteristics and Behaviors

- Psychological or emotional well-being, positive mood
- Emotional intelligence: the ability to perceive, integrate into thoughts, understand, and manage one's emotions
- Adaptable temperament
- Internal locus of control
- Strong problem-solving skills
- Coping skills, including conflict resolution and nonviolent handling of disputes
- Self-esteem
- Frequent, vigorous physical activity or participation in sports
- Spiritual faith or regular church attendance
- Cultural and religious beliefs that affirm life and discourage suicide
- Resilience, ongoing or continuing sense of hope in the face of adversity
- Frustration tolerance and emotional regulation
- Body image, care, and protection

Family and Other Social Support

- Family support and connectedness to family, closeness to or strong relationship with parents, and parental involvement
- Close friends or family members, a caring adult, and social support
- Parental pro-social norms, that is, youth know that parents disapprove of antisocial behavior such as beating someone up or drinking alcohol
- Family support for school

School

- Positive school experiences
- Part of a close school community
- Safe environment at school (especially for lesbian, gay, bisexual, and transgender youth)
- Adequate or better academic achievement
- A sense of connectedness to the school
- A respect for the cultures of all students

Mental Health and Healthcare Providers and Caregivers

- Access to effective care for mental, physical, and substance abuse disorders
- Easy access to care and support through ongoing medical and mental health relationships

Access to Means

- Restricted access to firearms: guns locked or unloaded, ammunition stored or locked
- Safety barriers for bridges, buildings, and other jumping sites
- Restricted access to medications (over-the-counter and prescriptions)
- Restricted access to alcohol (since there is an increased risk of suicide by firearms if the victim is drinking)

ATTACHMENT 1.10

REFERENCES

- Bearman, P. S., & Moody, J. (2004). Suicide and friendships among American adolescents. *American Journal of Public Health, 94*(1), 89-95.
- Beautrais, A. L. (2003). Life course factors associated with suicidal behaviors in young people. *American Behavioral Scientist, 46*(9), 1137-1156.
- Beautrais, A., Gibb, S., Fergusson, D., Horwood, L. J., & Larkin, G. L. (2009). Removing bridge barriers stimulates suicides: An unfortunate natural experiment. *Australian and New Zealand Journal of Psychiatry, 43*(6), 495-497.
- Berman, A. L., Jobes, D. A., & Silverman, M. M. (2006). *Adolescent suicide: Assessment and intervention* (2nd ed.). Washington, DC: American Psychological Association.
- Birckmayer, J., & Hemenway, D. (1999). Minimum age drinking laws and youth suicide, 1970-1990. *American Journal of Public Health, 89*, 1365-1368.
- Borowsky, I. W., Resnick, M. D., Ireland, M., & Blum, R. W. (1999). Suicide attempts among American Indian and Alaska Native youth: Risk and protective factors. *Archives of Pediatrics & Adolescent Medicine, 153*(6), 573-580.
- Borowsky, I. W., Ireland, M., & Resnick, M.D. (2001). Adolescent suicide attempts: Risks and protectors. *Pediatrics, 31*, 489-493.
- Brent, D. A., Perper, J. A., & Allman, D. J. (1987). Alcohol, firearms, and suicide among youth: Temporal trends in Allegheny County, Pennsylvania, 1960 to 1983. *Journal of the American Medical Association, 257*(24), 3369-3372.
- Cha, C., & Nock, M. (2009). Emotional intelligence is a protective factor for suicidal behavior. *Journal of the American Academy of Child & Adolescent Psychiatry, 48*(4), 422-430.
- Centers for Disease Control and Prevention (CDC). (2009). *School connectedness: Strategies for increasing protective factors among youth*. Atlanta, GA: U.S. Department of Health and Human Services.
- Colucci, E. & Martin, G. (2008). Religion and spirituality along the suicidal path. *Suicide and Life-Threatening Behavior, 38* (2), 229-244.
- Education Development Center, Inc. (Revised 2008). *Assessing and managing suicide risk: Core competencies for mental health professionals*. Newton, MA: Suicide Prevention Resource Center. Education Development Center, Inc. in collaboration with American Association of Suicidology.
- Eisenberg, M. E., & Resnick, M. D. (2006). Suicidality among gay, lesbian and bisexual youth: The role of protective factors. *Journal of Adolescent Health, 39*(5), 662-668.
- Flouri, E., & Buchanan, A. (2002). The protective role of parental involvement in adolescent suicide. *Crisis, 23*, 1-17.
- Goldsmith, S. K. (2001). Risk factors for suicide: Summary of a workshop. Washington DC: National Academy Press. National Academy of Sciences. Retrieved from http://books.nap.edu/openbook.php?record_id=10215&page=18
- Grossman, D. C., Mueller, B. A., Riedy, D., Dowd, D. M., Villaveces, A., Prodzinski, J., & Harruff, R. (2005). Gun storage practices and risk of youth suicide and unintentional firearm injuries. *Journal of the American Medical Association, 293*(6), 707-714.
- Gutierrez, P. M., & Osman, A. (2008). *Adolescent suicide: An integrated approach to the assessment of risk and protective factors*. DeKalb, IL: Northern Illinois University Press.
- Hall-Lande, J. A., Eisenberg, M. E., Christenson, S. L., & Neumark-Sztainer, D. (2007). Social isolation, psychological health, and protective factors in adolescence. *Adolescence, 42*, 265-286.
- Hawton, K., Simkin, S., Deeks, J., Cooper, J., Johnston, A., Waters K., & Simpson, K. (2004). United Kingdom legislation on analgesic packs: Before and after study of long term effect on poisonings. *British Medical Journal, 329*(7474), 1076.
- Kidd, S., Henrich, C. C., Brookmeyer, K. A., Davidson, L., King, R. A., & Shahar, G. (2006). The social context of adolescent suicide attempts: Interactive effects of parent, peer, and school social relations. *Suicide and Life-Threatening Behavior, 36*(4), 386-395.
- King, C., & Merchant, C. R. (2008). Social and interpersonal factors relating to adolescent suicidality: A review of the literature. *Archives of Suicide Research, 12*(3), 181-196.
- Pettingell, S. L., Bearinger, L. H., Skay, C. L., Resnick, M. D., Potthoff, S. J., & Eichhorn, J. (2008). Protecting urban American Indian young people from suicide. *American Journal of Health Behavior, 32*(5), 465-476.
- Randell, B. P., Wang, W., Herting, J. R., & Eggert, L. L. (2006). Family factors predicting categories of suicide risk. *Journal of Child and Family Studies, 15*(3), 255-270.
- Sharaf, A. Y., Thompson, E. A., & Walsh, E. (2009). Protective effects of self-esteem and family support on suicide risk behaviors among at-risk adolescents. *Journal of Child and Adolescent Psychiatric Nursing, 22*(3), 160-168.
- Taliaferro, L.A., Rienzo, B. A., Miller, M.D., Pigg, R. M., & Dodd, V. J. (2008). High school youth and suicide risk: Exploring protection afforded through physical activity and sport participation. *Journal of School Health, 78*(10), 545-553.