

The Social–Ecological Model: A Framework for Prevention

CDC’s goal is to stop violence before it begins. Prevention requires understanding the factors that influence violence. CDC uses a four-level social-ecological model to better understand violence and the effect of potential prevention strategies.



This model considers the complex interplay between individual, relationship, community, and societal factors. It allows us to understand the range of factors that put people at risk for violence or protect them from experiencing or perpetrating violence. The overlapping rings in the model illustrate how factors at one level influence factors at another level.

Besides helping to clarify these factors, the model also suggests that in order to prevent violence, it is necessary to act across multiple levels of the model at the same time. This approach is more likely to sustain prevention efforts over time and achieve population-level impact.

Individual

The first level identifies biological and personal history factors that increase the likelihood of becoming a victim or perpetrator of violence. Some of these factors are age, education, income, substance use, or history of abuse. Prevention strategies at this level promote attitudes, beliefs, and behaviors that prevent violence. Specific approaches may include conflict resolution and life skills training, social-emotional learning, and safe dating and healthy relationship skill programs.

Relationship

The second level examines close relationships that may increase the risk of experiencing violence as a victim or perpetrator. A person’s closest social circle-peers, partners and family members-influences their behavior and contribute to their experience. Prevention strategies at this level may include parenting or family-focused prevention programs and mentoring and peer programs designed to strengthen parent-child communication, promote positive peer norms, problem-solving skills and promote healthy relationships.

Community

The third level explores the settings, such as schools, workplaces, and neighborhoods, in which social relationships occur and seeks to identify the characteristics of these settings that are associated with becoming victims or perpetrators of violence. Prevention strategies at this level focus on improving the physical and social environment in these settings (e.g., by creating safe places where people live, learn, work, and play) and by addressing other conditions that give rise to violence in communities (e.g., neighborhood poverty, residential segregation, and instability, high density of alcohol outlets).

Societal

The fourth level looks at the broad societal factors that help create a climate in which violence is encouraged or inhibited. These factors include social and cultural norms that support violence as an acceptable way to resolve conflicts. Other large societal factors include the health, economic, educational, and social policies that help to maintain economic or social inequalities between groups in society. Prevention strategies at this level include efforts to promote societal norms that protect against violence as well as efforts to strengthen household financial security, education and employment opportunities, and other policies that affect the structural determinants of health.

Reference: Dahlberg LL, Krug EG. Violence: a global public health problem. In: Krug E, Dahlberg LL, Mercy JA, Zwi AB, Lozano R, eds. World Report on Violence and Health.

Geneva, Switzerland: World Health Organization; 2002:1-21.

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