



# MENTAL HEALTH AMONG SCHOOL-AGE CHILDREN & ADOLESCENTS

## MENTAL HEALTH CONDITIONS BEGIN IN EARLY LIFE

A mental health condition is a broad term that encompasses neurodevelopmental, emotional, and behavioral disorders.

Bullying, sexual violence, and other forms of trauma are risk factors for mental health conditions among both the victims and the perpetrators



Anxiety and depression are the most common mental health conditions among adolescents

Children with mental health conditions require support from their families, communities, and from the educational and health systems.

Adolescents need peer support. Social isolation, which many experienced during school closures throughout the COVID-19 pandemic, can have a profound impact on adolescent wellbeing



An estimated **1 in 7** adolescents globally experience mental health conditions, but many are not diagnosed or provided care in a timely manner (Source: UNICEF 2021)



**50%** of mental health conditions among adults emerge by age 14 (Source: Kessler et al. 2007)



Suicide is the **4<sup>th</sup>** leading cause of death among adolescents and youth between the ages of 15–29 years (Source: WHO 2021)

## SCHOOLS CAN SUPPORT STUDENTS' MENTAL HEALTH & WELLBEING

Mental health conditions emerge during the years when children and adolescents are attending school, which presents an opportunity for the school system to provide emotional support, identify possible conditions, and take action.



### Cultivate safe learning environments by:

- Promoting a positive and inclusive learning environment and community
- Modeling positive mental and physical health behaviors, including supporting and validating students' feelings
- Reporting the maltreatment of children



Approximately 1 in 3 adolescents experience bullying and physical violence (Source: UNESCO 2019)



**20%** School-based anti-bullying programs can reduce bullying by about 20% (Source: Ttofi and Farington 2011)



### Raise awareness of mental health by:

- Training teachers and other school personnel on mental health and wellbeing
- Providing universal life skills programs to build students' socio-emotional competencies, reduce risk taking behaviors, and improve academic performance.



Ethiopia's National Mental Health Strategy includes a focus on school-based mental health, including integrating mental health into existing school health programming and training teachers to provide social skills training and basic counseling. (Source: Government of Ethiopia)



### Detect and support students experiencing a spectrum of mental health conditions by:

- Establishing safe spaces and offering school-based counseling services
- Recognizing, responding to, and making appropriate referrals, where possible, for students with suspected mental health conditions



Schools are a common venue for delivering mental health promotion and prevention programs, with programs offered in approximately half of all countries worldwide (Source: WHO 2021)



Supporting anxiety and depression has a high return on investment: every \$1 spent yields \$4 in returns (Source: Chisholm et al. 2016)

[Click for more school health & nutrition resources](#)



### References and Further Reading:

Binagwaho, A., & Senga, J. (2021). Children and Adolescent Mental Health in a Time of COVID-19: A Forgotten Priority. *Annals of global health*, 87(1), 57. <https://doi.org/10.5334/aogh.3330>

Chisholm D, Sweeny K, Sheehan P, Rasmussen B, Smit F, Cuijpers P, Saxena S. Scaling-up treatment of depression and anxiety: a global return on investment analysis. *Lancet Psychiatry*. 2016 May;3(5):415-24. doi: 10.1016/S2215-0366(16)30024-4. Epub 2016 Apr 12. PMID: 27083119.

Government of Ethiopia. National Mental Health Strategy 2012/2013 - 2015/2016. Available from: <https://www.mhinnovation.net/resources/national-mental-health-strategy-ethiopia?mode=List>

Institute for Health Metrics and Evaluation (IHME), 'GBD Results Tool', <http://ghdx.healthdata.org/gbd-results-tool>.

Johns Hopkins Bloomberg School of Public Health and United Nations Children's Fund, On My Mind: How adolescents experience and perceive mental health around the world, JHU and UNICEF, Baltimore and New York, May 2022.

Jorn AF, BA Kitchener, MG Sawyer, H Scales, and S Cvetkovski. 2010. "Mental Health First Aid Training for High School Teachers: A Cluster Randomized Trial." *BMC Psychiatry* 10: 40. Doi: 10.1186/1471-244X-10-51

Kessler R, GP Amminger, S Aguilar-Gaxiola, J Alonso, S Lee, and others. 2007. "Age of Onset of Mental Disorders: A Review of Recent Literature." *Current Opinion in Psychiatry* 20: 359-64.

Mental Health Innovation Network (MHIN)

Petersen, I., Evans-Lacko, S., Semrau, M., Barry, M., Chisholm, D., et al. "Population and Community Platform Interventions". In: *Disease Control Priorities (third edition): Volume 4, Mental, Neurological, and Substance Use Disorders*, edited by V. Patel, D. Chisholm, T. Dua, R. Laxminarayan, M. Medina. Washington, DC: World Bank.

Scott, J., Rahman, A., Mihalopoulos, C., Erskine, H., Roberts, J., . . . "Childhood Mental and Developmental Disorders". In: *Disease Control Priorities (third edition): Volume 4, Mental, Neurological, and Substance Use Disorders*, edited by V. Patel, D. Chisholm, T. Dua, R. Laxminarayan, M. Medina. Washington, DC: World Bank.

Stelmach R, Kocher EL, Kataria I, et al. The global return on investment in preventing and treating adolescent mental disorders and suicide: a modelling study. *BMJ Global Health* 2022;7:e007759. doi:10.1136/bmjgh-2021-007759

Ttofi MM and DP Farington. 2011. "Effectiveness of School-Based Programmes to Reduce Bullying: A Systematic and Meta-Analytic Review." *Journal of Experimental Criminology* 7: 27-56.

UNESCO. 2019. "Behind the numbers: ending school violence and bullying." Paris: UNESCO. ISBN: 978-92-3-100306-6.

United Nations Children's Fund, The State of the World's Children 2021: On My Mind – Promoting, protecting and caring for children's mental health, UNICEF, New York, October 2021.

USAID/YouthPower2. 2021. Integrating Mental Health and Psychosocial Support into Youth Programming: A Toolkit. Access: <https://www.youthpower.org/toolkit-youth-mental-health-and-psychosocial-support-toolkit>

WHO. 2021. Mental Health Atlas 2020. Geneva: WHO.

WHO. Regional Office for the Eastern Mediterranean. (2021). Mental health in schools: implementation and evaluation plan. World Health Organization. Regional Office for the Eastern Mediterranean. <https://apps.who.int/iris/handle/10665/347964>. License: CC BY-NC-SA 3.0 IGO

WHO. 2021. Adolescent mental health fact sheet. Access: <https://www.who.int/news-room/fact-sheets/detail/adolescent-mental-health>

WHO. 2021. Suicide worldwide in 2019: global health estimates. Geneva: World Health Organization. License: CC BY-NC-SA 3.0 IGO.