

The impacts of the coronavirus pandemic continue to be felt around the world. We have been conducting rapid reviews of the emerging evidence surrounding the mental health impacts of the pandemic on children and young people in detail (Issues 1-4 of this series). This issue, and future issues, will briefly highlight key new findings from our rapid reviews in a condensed format to enable us to share learning in a timely manner.

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1. What is the mental health impact on the general population?

The evidence that the coronavirus pandemic is having a negative impact on the mental health of children and young people continues to build.

 Large studies found increases in the prevalence of anxiety and depression among young people during the pandernic.^{1–3}

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In a study of secondary school pupils, LGBTQ+ pupils had higher anxiety and depression scores and lower levels of wellbeing than their peers before the pandemic. Wellbeing did not increase nor did anxiety decrease for LGBTQ+ pupils during lockdown as it did for the broader pupil sample in this study.²¹

Children and young people of colour

Although previous issues of this series have identified that children and young people of colour are disproportionately affected by the pandemic, little research emerged during the period covered in this issue regarding how these young people in particular are being impacted. It is important that research continues to examine the disproportionate impacts of the pandemic, particularly on children and young people of colour.

Adverse childhood experiences and experience of social care

Children and young people with adverse childhood experiences (ACEs), experience of the care system or other forms of disadvantage have reported higher than usual levels of anxiety and stress. There also appears to have been an increase in child sexual abuse during the coronavirus pandemic.

- Increased adverse childhood experiences are associated with a higher probability of posttraumatic stress symptoms (PTSS and PTSD), anxiety, and depressive symptoms during the pandemic (China).^{24,25}
- Among adolescents who have experience of the care system or other forms of disadvantage, many reported feeling low, more anxious and stressed since lockdown, while some reported experiencing signif cantly disrupted sleep.²⁶
- There has been a threefold increase in the number of counselling sessions about child sexual abuse within the family for some services. Some of those attending reported more frequent sexual abuses or abuse that had happened recently (UK).²⁷

Living conditions

Young people's living conditions are linked with a range of mental health impacts during the coronavirus pandemic. Living in urban areas, living in poor quality housing, living alone, and experiencing homelessness are all associated with negative mental health outcomes.

- Signif cantly more children living in urban areas have mental health dif culties (depression, anxiety, and sleeping disorders) than those living in rural areas (Bangladesh).²⁸
- Young people with poor-quality indoor living space had twice the odds of experiencing moderate-severe and severe depressive symptoms than those in better quality accommodation (Italy).²⁹
- Hopelessness, anxiety, loneliness, sleep problems and depression are common among young people aged 18-25 experiencing homelessness during the pandemic.³⁰
- University students living alone during the coronavirus pandemic appear more likely to experience an increase in depressive symptoms (Switzerland).³¹
- University students who did not return home during the lockdown were

References

- Pierce, M. . Mental health before and during the COVID-19 pandemic: a longitudinal probability sample survey of the UK population. 7, 883–892 (2020). doi: 10.1016/S2215-0366(20)30308-4
- Wang, Z. H. . . Prevalence of anxiety and depression symptom, and the demands for psychological knowledge and interventions in college students during COVID-19 epidemic: A large cross-sectional study. 275, 188-193 (2020). doi:10.1016/j. jad.2020.06.034
- Meng Qi, M. S. . The Ef ect of Social Support on Mental Health in Chinese Adolescents During the Outbreak of COVID-19. 67, 514-518 (2020). doi: 10.1016/j.jadohealth.2020.07.001
- 4. Czeisler, M. É. . Mental Health , Substance Use , and Suicidal Ideation During the COVID-19 Pandemic. 69, 2018–2019 (2020).
- Isumi, A. Do suicide rates in children and adolescents change during school closure in Japan? The acute effect of the first wave of COVID-19 pandemic on child and adolescent mental health. , 104680 (2020). doi: 10.1016/j.chiabu.2020.104680
- 6. Scottish Government.

(2020).

7. Mondragon, N. I. Struggling to breathe: a qualitative study of children's wellbeing during lockdown in Spain. (2020). doi:10.1080/08870446.2020. 1804570

8. Of ce of National Statistics.

(2020).

- Gassman-Pines, A., Ananat, E. O. & Fitz-Henley, J. COVID-19 and Parent-Child Psychological Well-being. 146 (4) e2020007294 (2020). doi: 10.1542/peds.2020-007294
- 10. The Children's Society. (2020).
- 11. Zhou, J. Prevalence of depression and its correlative factors among female adolescents in China during the coronavirus disease 2019 outbreak.

16, 69 (2020). doi: 10.1186/s12992-020-00601-3

- 12. Bignardi, G. . Longitudinal increases in childhood depression during the COVID-19 lockdown in a UK cohort. (2020). doi:10.31219/osf.io/v7f3q
- Graell, M. . Children and adolescents with eating disorders during COVID-19 conf nement: Dif culties and future challenges. 28 864–870 (2020). doi:10.1002/erv.2763
- 14. Senkalfa, B. P. . . Ef ect of the COVID-19 pandemic on anxiety among children with cystic fibrosis and their mothers. , 55 2128–2134 (2020). doi: 10.1002/ppul.24900
- Dyer, J. . The Psychosocial Ef ects of the COVID-19 Pandemic on Youth Living with HIV in Western Kenya. 1-5 (2020). doi:10.1007/s10461-020-03005-x
- Hawke, L. D. Impacts of COVID-19 on Youth Mental Health, Substance Use, and Well-being: A Rapid Survey of Clinical and Community Samples. , 65 (10) 701-709 (2020).

doi:10.1177/0706743720940562

- 17. Krass, P., Zimbrick-Rogers, C., Iheagwara, C., Ford, C. A. & Calderoni, M. COVID-19 Outbreak Among Adolescents at an Inpatient Behavioral Health Hospital.

 67(4) 612-614 (2020). doi:10.1016/j.jadohealth.2020.07.009
- Cacioppo, M. . . Emerging health challenges for children with physical disabilities and their parents during the COVID-19 pandemic: The ECHO French survey.
 S1877-0657(20)30157-3 (2020). doi:10.1016/j.rehab.2020.08.001
- 19. Zhang J. Acute stress, behavioural symptoms and mood states among school-age children with attention-def cit/hyperactive disorder during the COVID-19 outbreak.

 , 51 102077 (2020). doi:10.1016/j.ajp.2020.102077
- Tanir, Y. Exacerbation of obsessive compulsive disorder symptoms in children and adolescents during COVID-19 pandemic. 293 113363 (2020). doi:10.1016/j.psychres.2020.113363
- 21. Widnall, E. Young People's Mental Health during the COVID-19 Pandemic. Initial findings from a secondary school survey study in South West England. vol. 370 (2020).
- 22. Dickinson, H. . . Not even remotely fair Experiences of students with disability during COVID-19. (2020).
- 23. Suen, Y. T. Ef ects of general and sexual minority-specific COVID-19-related stressors on the mental health of lesbian, gay, and bisexual people in Hong Kong. 292 113365 (2020). doi: 10.1016/j.psychres.2020.113365
- Chi, X. Prevalence and Psychosocial Correlates of Mental Health Outcomes Among Chinese College Students During the Coronavirus Disease (COVID-19) Pandemic. 11 803 (2020). doi: 10.3389/ fpsyt.2020.00803
- 25. Guo, J. . . Is the psychological impact of exposure to COVID-19 stronger in adolescents with prepandemic maltreatment experiences? A survey of rural Chinese adolescents. 140667 (2020). doi: 10.1016/j.chiabu.2020.104667
- 26. MCR Pathways.

(2020).

27. NSPCC.

(2020)

- 28. Yeasmin, S. Impact of COVID-19 pandemic on the mental health of children in Bangladesh: A cross-sectional study. , 117 105277 (2020). doi: 10.1016/j.childyouth.2020.105277
- 29. Amerio, A. . . COVID-19 Lockdown: Housing Built Environment's Ef ects on Mental Health. ,17(16) 5973 (2020). doi:10.3390/ijerph17165973
- Tucker, J. S. Behavioral Health and Service Usage During the COVID-19 Pandemic Among Emerging Adults Currently or Recently Experiencing Homelessness. 67(4) 603-605 (2020). doi: 10.1016/j. jadohealth.2020.07.013.
- 31. Elmer, T. Students under lockdown: Assessing change in students' social networks and mental health during the COVID-19 crisis. 1–22 (2020).
- 32. Husky, M. M. Stress and anxiety among university students in France during Covid-19 mandatory conf nement. 102 152191 (2020). doi: 10.1016/j.comppsych.2020.152191

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