



Research shows that grandparents' involvement in their grandchildren's lives plays a critically important role in a child's overall health and development. Mayur Kakade/Moment via Getty Images

Loss of a grandmother can have long-lasting mental health effects for kids and adolescents, a new study finds

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Emily Smith-Greeaway

Associate Professor of Sociology, USC Dornsife College of Letters, Arts and Sciences

Ashtu Verdery

Professor of Sociology, Demography and Social Data Analytics, Penn State

Michelle Livings

PhD Student in Population Health and Place, USC Dornsife College of Letters, Arts and Sciences

Rachel Margolis

Associate Professor of Sociology, Western University

The Research Brief is a short take about interesting academic work.

The big idea

The death of a ~~mo~~ mother can have severe and lasting mental health consequences on both the adult child and the adolescent, according to our recently published study.

This finding may be surprising, because the death of a ~~ma~~ mother is ~~ma~~ a well-anticipated, painful loss. Yet the effects are profound. Losing a mother can increase adolescents' risk of having a depressed parent and having other depressive symptoms themselves.

Decades of research show that mothers' involvement and support is beneficial to their adolescent. This is especially true of kids growing up with single mothers. Mothers also act as a safety net, providing benefits like housing stability, child care and a social and emotional support, all of which benefit their adolescent's health and development.

But what happens when a mother dies? In our study, we used a national dataset of a sample of more than a dozen adolescent pairs ~~in~~ who researchers have interviewed multiple times since the child's birth. We analyzed whether a mother's death during late childhood or early adolescence affected adolescents, or their mothers', depressive symptoms, or depressive symptoms before the loss.

Following a mother's death, adult daughters were more likely to ~~beco~~ become depressed relative to other ~~mo~~ women. Adult daughters experienced this increase in depression on up to seven years following the death. Adolescent boys who lost their mother in the prior seven years also had higher depressive symptoms than their peers. We found no statistically significant increase in depression following a father's death.

Why it matters

Adolescent mental health has worsened in recent decades. Experts stress the potential of the COVID-19 pandemic to accelerate this decline, pointing to the isolation, school disruptions and social isolation as prime reasons why people's mental health could decline further.

The mental health effects of losing a loved one to COVID-19 have been curiously overlooked. Although you may expect low COVID-19 mortality rates, COVID-19 mortality has intimately affected millions of you people. Tens of thousands of youths in the U.S. have lost parents to COVID-19. And as of June 2022, our statistical models suggest that approximately 4 million people in the U.S. have lost a mother to COVID-19 in the past two years – representing a significant increase in the burden of maternal death expected prior to the pandemic.

Our study suggests that this ~~and~~ anticipated increase in the burden of bereaved adolescents will increase rates of depression in the U.S.

What still is left

A troubling possibility is that having a grandparent die of COVID-19 is even harder for adolescents than the pre-pandemic losses that we studied. COVID-19 deaths epitomize “bad deaths” – painful, frequently sudden deaths that happen alone and often strip families of the chance to say goodbye.

In other recent research, we found that adults who lost a spouse to COVID-19 face higher rates of depression and loneliness than those whose spouse died right before the pandemic. Future research can assess whether losing a grandparent to COVID-19 has more severe or far-reaching consequences for adolescents than our analysis of pre-pandemic data shows.

We are also still examining the gendered nature of our study’s findings. Why does the loss of a grandmother seem to have deeper and longer-lasting effects than that of a grandfather? Why are boys uniquely vulnerable after losing a grandmother?

Gender socialization could explain boys’ higher depressive symptoms after a grandmother’s death. Adolescent boys may feel pressure to internalize their emotions. Additionally, a grandfather’s death could affect adolescents in other ways, such as their school performance and grades, maintenance of healthy relationships or risk behaviors.

Even as this study offers a small window into the distress of losing a grandparent, our findings underline the pressing need for adolescents and their parents to have access to support services as they navigate the cascading consequences that such a loss can set in motion – an all-too-common experience in the COVID-19 era.