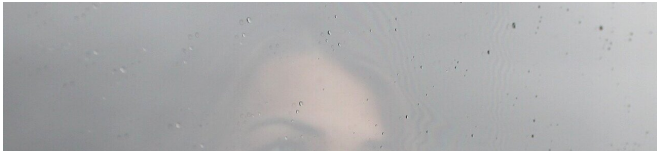


# Depression and anxiety spiked after coronavirus lockdown announcement, study shows

31 March 2020, by Sophie Armour



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There was a spike in the number of people reporting significant levels of depression and anxiety immediately following the Prime Minister's announcement of a lockdown on 23 March, a study has found.

On Tuesday 24 March, 38 percent of study participants reported significant [depression](#) and 36 percent reported significant [anxiety](#). On the day before the announcement, 16 percent reported significant depression and 17 percent reported significant anxiety.

Rates remained elevated later in the week, but not as high as immediately after the announcement, with just over 20 percent on each subsequent day reporting significant levels of depression and anxiety, according to the large representative study of the pandemic's impact on [mental health](#).

The research, conducted by academics at the University of Sheffield and Ulster University, indicated that many people are nonetheless remaining resilient and faring well—and that almost everyone is following government advice to avoid spreading the virus.

The team of experts, led by Professor Richard Bentall at the University of Sheffield, carried out a psychological survey of 2,000 people between

Monday 23 March and Friday 27 March using standardised measures of mental [health](#). Participants, who were representative of the population in terms of age, sex and income, were asked in an [online survey](#) about their current circumstances, their understanding of Covid-19, what they are doing to cope, and psychological symptoms.

Across the week, the study found that 25 percent of women and 18 percent of men exhibited clinically meaningful symptoms of anxiety, 23 percent of women and 21 percent of men showed signs of depression, and 15 percent of women and 19 percent of men were stressed. These results are elevated compared to those of similar surveys from before the coronavirus crisis, such as the Adult Psychiatric Morbidity Survey (in which 15.7 percent reported common psychiatric disorders), but not dramatically so.

However, those aged under 35, living in a city, living alone or with children, with lower incomes, with [health conditions](#) and those whose incomes had been hit by the pandemic had higher rates of anxiety and depression. Those who felt that they belonged to their neighbourhood and who trusted their neighbours had lower levels of anxiety and depression.

The study found that 32 percent of people had already lost income due to the pandemic, but when asked to rate their level of worry about the financial impact so far on a scale of 0 (not worried at all) to 10 (extremely worried), the average response was around six.

The team asked participants how much they had increased their purchasing of key supplies because of the pandemic. While around 30 percent had bought extra dried food, tinned food and toilet roll,

most people reported very little excess buying and almost a quarter (23.6 percent) reported none at all. The study found a modest correlation between anxiety about Covid-19 and over-purchasing.

The population was found to have a good understanding of Covid-19 symptoms and how to avoid spreading it—with over 90 percent of those surveyed correctly identifying symptoms such as coughing and a fever, and recognising that it can spread through people coughing or sneezing.

Almost 95 percent of participants said they had started washing their hands more often, 91 percent said they covered their nose or mouth with a tissue or sleeve when coughing and sneezing, and 78 percent were disinfecting household surfaces more frequently.

The initial results show a majority of the population taking further steps to protect their health—with 69 percent ensuring they get enough sleep and two thirds saying they are eating a more balanced diet.

About 70 percent said that they would definitely want to be vaccinated, or would want their children to be vaccinated, against the coronavirus if this was available.

However, on average people thought their risk of catching the virus in next month was less than 50 percent.

When asked where they get their information about the epidemic and what sources of information they trust, people scored their doctor and other health professionals as the most trustworthy—but said they get most of their information from the television.

The team will survey the same group again in the coming months to see how their experiences, beliefs and mental health symptoms change as the pandemic progresses in the UK, and to compare their results with parallel surveys being conducted by research partners in other countries.

Professor Richard Bentall, Professor of Clinical Psychology at the University of Sheffield, said: "We were surprised to see a spike in the number of people reporting significant levels of depression

and anxiety immediately after the announcement of a lockdown.

"We are seeing initial evidence of a rise in [psychological symptoms](#) in the population but, nonetheless, the overall picture that emerges so far is of a nation that is well-informed about Covid-19, taking appropriate action and resilient. The rates of reported mental health problems are higher but not dramatically different to those observed in previous, similar surveys—but those who have already taken a financial hit are more likely to feel anxious or depressed.

"In the coming months we will be able to see if these groups show an escalation of symptoms and also whether some social adjustments to the pandemic—for example increased sense of belonging to neighbourhoods or groups—help to protect the population from mental health symptoms."

**More information:** The report is available online: [drive.google.com/file/d/1A95Kv...nGPNBCnoFktdumm/view](https://drive.google.com/file/d/1A95Kv...nGPNBCnoFktdumm/view)

Provided by University of Sheffield

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