Mental Health and COVID-19



What are some of the most common mental health conditions?¹²

There are over 200 classified mental health conditions; some of the more prevalent disorders include:1



Mood disorders

Mood disorders are a group of psychiatric illnesses that can simultaneously affect emotions, energy, and motivation, such as: depression, bipolar disorder, cyclothymia, and hypomania^{2,3}



Schizophrenia

Schizophrenia is a chronic brain disorder that is characterized by significant impairments in the way reality is perceived and changes in behavior that can be related to delusions, hallucinations, and disorganized thinking and speech^{4,5}

Mental health includes our emotional, psychological, and social well-being and can influence how we think, feel, and act⁶

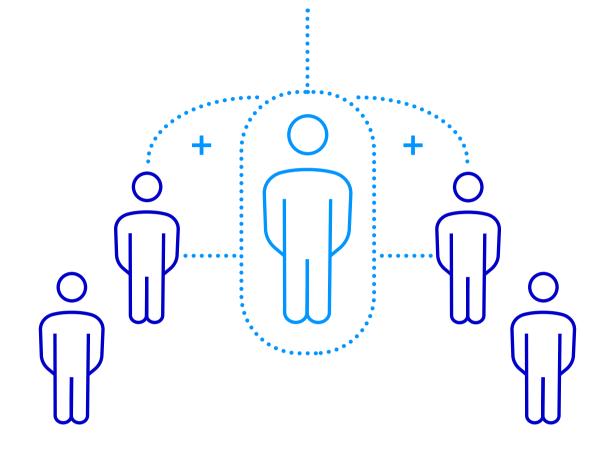
How prevalent are mental health conditions among the US adult population?

COVID-19 can be more challenging for people with mental health conditions⁷ People who have a preexisting mental health condition or disorder and have a COVID-19 diagnosis are at a higher risk of death compared with those who don't have preexisting mental health conditions or disorders⁷

Mental health conditions are among the most common health conditions in the US⁶

More than

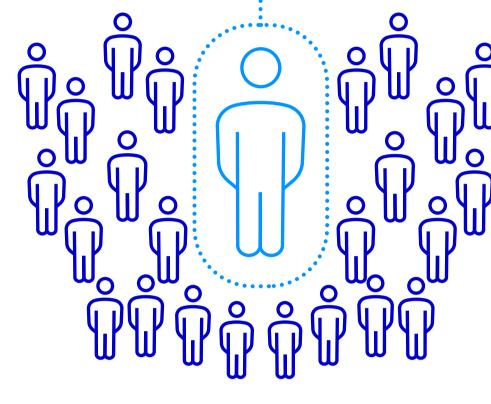
adults live with a mental health condition⁶



in 25 adults lives with a serious mental health

About

condition, such as schizophrenia, bipolar disorder, or major depression⁶



on patients with mental health conditions?

What are the pathophysiological impacts of COVID-19

an enzyme receptor and can damage the endothelial cells of the brain vasculature, causing inflammation^{8,9} Inflammation can cause thrombi

SARS-CoV-2 enters cells through

formation and brain damage, which ultimately leads to neuropsychiatric symptoms^{8,9}



and long-term neuropsychiatric symptoms and long-term brain sequelae. These are unrelated to respiratory deficiency and can present before, during, or after respiratory symptoms, suggesting independent brain damage⁸

COVID-19 can cause short-

of existing brain or behavioral symptoms, and can include:8

Presenting symptoms may be new-onset or re-exacerbation



Anxiety



Brain fog



Depression







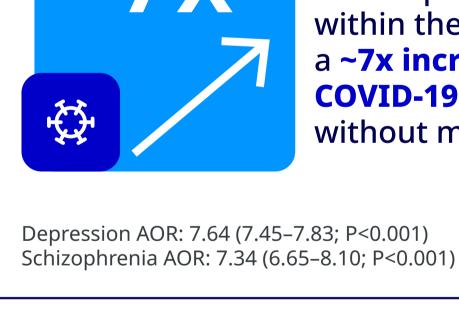
What is the interaction between mental health conditions and severe COVID-19?

Individuals who suffer from schizophrenia/psychosis, major depressive disorder, and bipolar disorder

have been shown to have higher risks of COVID-19 infection, hospitalization, and mortality¹⁰



schizophrenia spectrum disorders, can increase a person's chances of progressing to severe COVID-19^{11,12}

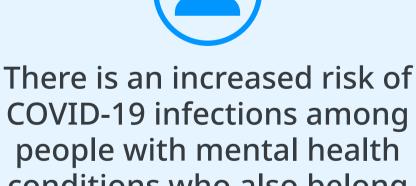


within the past year demonstrated a ~7x increased likelihood of **COVID-19** compared to patients without mental health conditions¹³ Wang Q, et al. World Psychiatry. 2021;20(1):124-30.

Patients in a clinical trial diagnosed

with depression or schizophrenia

Compared to their White counterparts, African-American



conditions who also belong to minority groups⁷

higher risk 3.8x of COVID-19 infection

with recent diagnosis of depression¹³ Depression AOR: 3.78 (3.58–3.98; P<0.001) Schizophrenia AOR: 2.33 (1.84–2.97; P<0.001)

patients recently diagnosed with a mental health

condition were shown to have a higher risk of COVID-19¹³



2.3x

of schizophrenia¹³ Wang Q, et al. World Psychiatry.

higher risk of

infection with

recent diagnosis

COVID-19

Are mental health conditions associated with long COVID?

Mental health conditions or psychological distress, such as anxiety and depression, are one of several comorbidities that have been associated with a

32–42% increased risk of long COVID14,15









1. MHA. Mental Illness and the Family: Recognizing Warning Signs and How to Cope. https://www.mhanational.org/recognizing-warning-signs#:~:tex-







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Mental health

conditions

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