



# DIABETES & COVID

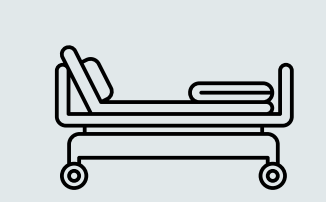
## BACKGROUND

COVID-19 has emerged as a global pandemic with far-reaching implications for various health conditions, notably diabetes. Patients with diabetes are at an increased risk of severe complications from COVID-19, including hospitalization and death. The interconnection between these two diseases highlights a critical area for healthcare focus, understanding, and intervention

## RISK FACTORS


- **Diabetes and Other Comorbidities:** The presence of diabetes significantly increases the risk of severe illness, ICU admission, ventilator use, and death in COVID-19 patients.
- **Age Factors:** Severity rises with age, with a significant increase in complications for those aged 50 to 64.
- **Youth Impact:** Youth under 18 are 2.5 times more likely to be newly diagnosed with diabetes after COVID-19 infection.
- **Obesity and Type 2 Diabetes Risk:** Disparities linked to higher rates of obesity.


**Among deceased COVID-19 patients, the proportion with diabetes was significantly higher (51.5%) compared to other patients (42.7%).**





**Among Emergency Room visits (ED Visits), Small hospitals experienced a higher frequency of diabetes among COVID-19 patients (16.2%) compared to medium and large hospitals (13.4%).**

## STRATEGIES TO ADDRESS DIABETES AND COVID-19:

 **Telehealth and Virtual Support:** Ensuring continued diabetes care remotely.

 **Virtual Lifestyle Programs:** Transitioning to virtual delivery of lifestyle change programs.

 **Data Collection and Guidance:** Emphasizing comorbidity data collection and sharing.

 **Addressing Health Disparities:** Implementing strategies to minimize racial and ethnic disparities and ensuring equitable access to care across various healthcare facility sizes

### References:

1. <https://www.cdc.gov/diabetes/library/reports/reportcard/diabetes-and-covid19.html>
2. [https://msdh.ms.gov/msdhsite/\\_static/resources/17061.pdf](https://msdh.ms.gov/msdhsite/_static/resources/17061.pdf)
3. [https://msdh.ms.gov/msdhsite/\\_static/resources/17061.pdf](https://msdh.ms.gov/msdhsite/_static/resources/17061.pdf)