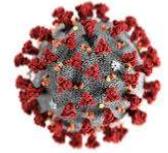


# COVID-19: Prediabetes and Diabetes

- The COVID-19 crisis is underscoring the need for continued chronic disease prevention and management, as those with chronic conditions are especially vulnerable from the virus. Moreover, the economic impact and rising unemployment is increasing the number of people covered by Medicaid in many states.
- The NACDD Diabetes Coverage 2.0 Team has collected information on emerging studies that present evidence about the relationships between COVID-19, prediabetes, and diabetes. This information has been prepared to support state partners in planning their value proposition for Medicaid coverage of the National Diabetes Prevention Program.

# COVID-19 and Diabetes



Persons with diabetes might be at higher risk for severe illness from COVID-19 (CDC)

- Persons with diabetes are **more likely** to have serious complications from COVID-19, including longer hospital stays (*Journal Diabetes Science and Technology. 2020. In press.*)
- **Obesity, which often co-exists with type 2 diabetes and prediabetes,** is a prominent risk factor for hospitalization (*medRxiv. NYC. 2020. Preprint.*)
- In one study, patients with diabetes and uncontrolled hyperglycemia were **more than 4X** as likely to die from COVID-19 (*Journal Diabetes Science and Technology. 2020. In press.*)

Rates of prediabetes and diabetes could increase due to continued response measures

- **Concerns that school closures** may increase childhood obesity (*Columbia's Mailman School of Public Health. ScienceDaily. 2020.*)
- **SDOH considerations:** Housing instability, food insecurity, social isolation, transportation (*Advisory Board. 2020.*)

Longevity of economic downturn has an impact

- **Increased # of Medicaid beneficiaries,** MCO members (*Health Management Associates. 2020.*)
- Increased **likelihood of obesity and diabetes** (similar to after the 2008 recession) (*Social Science & Medicine. 2018.*)

**CDC:** <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/groups-at-higher-risk.html#diabetes>

**NACDD:** <https://www.chronicdisease.org/news/496967/NACDD-Resources-to-Support-States-Response-to-COVID-19.htm>

# COVID-19 Opportunities for Diabetes Prevention

- Strengthening public health and Medicaid relationships
- Increased virtual delivery
- Elimination of prior approvals
- Extended beneficiary eligibility
- Improved community resilience
- Improved health equity

These opportunities are often perceived barriers for National DPP coverage.