

# COVID-19 Pandemic 2021 Incidence and Variations

Global Awareness Society International Virtual Conference

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# Covid-19: Incidence (CDC)

## Cases

US 32,969,905

Deaths: 587,830

PA 1.2 M

Deaths: 27,137

Columbia County Bloomsburg University

66

Deaths: < 10

# Covid-19 and Deaths: Age Group

- 0 – 17 years 295
- 18 – 29 years 2,204
- 30 – 39 years 6,403
- 40 – 49 years 17,271
- 50 – 64 years 89,227

# Covid-19: Impact on Schools

- School closures
- Social isolation
- Falling behind in learning gains
- Concerns for students with special needs
- Summer learning loss

# Impact on Students and Academic Progress

- Assessments in class performance are falling, e.g., math: scores fell 5 to 10 percentile points in 2020
- Computer issues interfere with on-line learning
- Many students are cut from free school lunches
- Teachers find teaching difficult when students wear masks and sit behind plastic shields

# Covid-19: Impact of Geographical Setting

## Disparities

- Communities of color
- Rural areas
- Low-income areas

# Covid-19: Impact on Access to Medical Resources

- Influenced by:
  - Household crowding
  - Higher percentage of color
  - Higher racialized economic segregation

# Going Forward

## Key Factors

- Establish community partnerships: volunteers, agencies, schools, non-profits, news media
- Set goals and track progress
- Publish data – both locally and academically