The Current State of COVID-19

SUCCESSES DURING THE PANDEMIC

- Rapid, record-breaking development and deployment of vaccines based on decades of basic biomedical research
- Vaccines have <u>prevented an estimated</u> 18 million hospitalizations and more than 3 million deaths in the U.S. (from Dec '20-Nov '22)
- The mRNA vaccine platform, one of several successfully used against COVID-19, shows promise for use against cancer and other diseases
- Successful public-private partnerships like <u>ACTIV</u> and <u>RADx</u> were launched to quickly test and develop therapies and diagnostics
- Local and global surveillance enables early detection of variants

CURRENT AND FUTURE PRIORITIES

- Increase investment in basic biomedical research
- Develop and broadly administer transmission blocking vaccines
- Discover additional effective and accessible antiviral treatments
- Better understand Long COVID and develop diagnostics & treatments
- Increase vaccine acceptance and trust in public health leaders
- Combat misinformation and disinformation
- o→ Prepare for the next public health threat and pandemic

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