

COVID-19 Press Briefing

March 23, 2022







Daily Change in COVID-19 Cases, US

January 22, 2020 – Mar 21, 2022

TOTAL Cases Reported Since 1/22/20

79,621,004

NEW Cases Reported to CDC on 3/21/22

47,454

Change in 7-Day Case Average

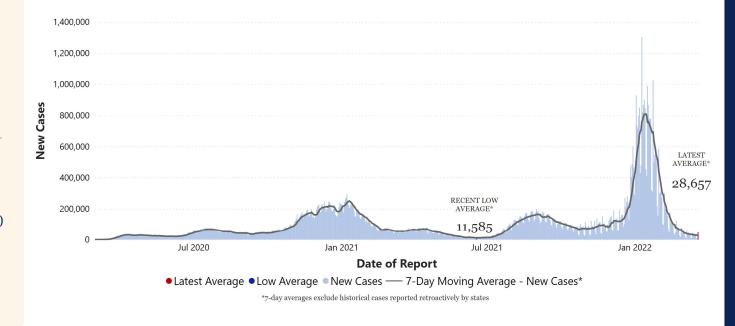
-9.2%

Current 7-Day Case Average (3/15/22 - 3/21/22)

28,657

Prior 7-Day Case Average (3/8/22 - 3/14/22)

31,558







New Admissions of Patients with Confirmed COVID-19, US

August 1, 2020 – Mar 20, 2022

Patients Currently Hospitalized with COVID on 3/20/22

14,123

New Admissions on 3/20/22

1,496

Peak in New Admissions (1/12/22)

22,920

Change in 7-Day Average of New Admissions

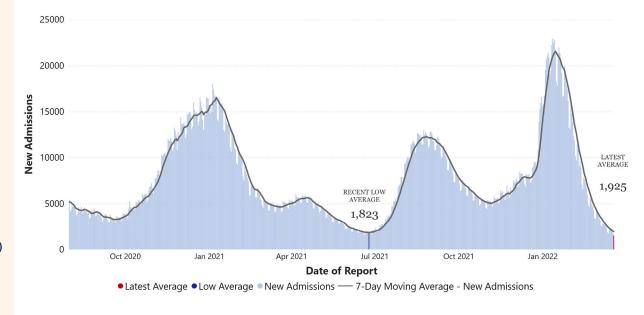
-22.8%

Current 7-Day Average of New Admissions (3/14/22 - 3/20/22)

1,925

Prior 7-Day Average of New Admissions (3/7/22 - 3/13/22)

2,494







Daily Change in COVID-19 Deaths, US

January 22, 2020 – Mar 21, 2022

TOTAL Deaths Reported Since 1/22/2020

971,422

NEW Deaths Reported to CDC on 3/21/22 **911**

Change in 7-Day Death Average

-26.2%

Current 7-Day Death Average (3/15/22 - 3/21/22)

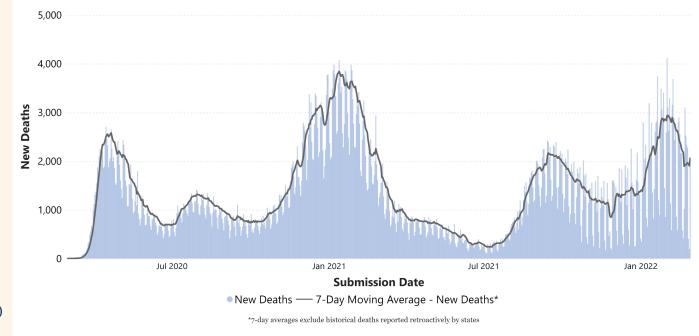
862

Prior 7-Day Death Average (3/8/22 - 3/14/22)

1,167

Forecasted Total Deaths by week ending (04/09/22)

980,000 to 990,000







COVID-19 Treatment Update





Medical Management of the SARS-CoV-2-Infected Patient

Control of symptoms

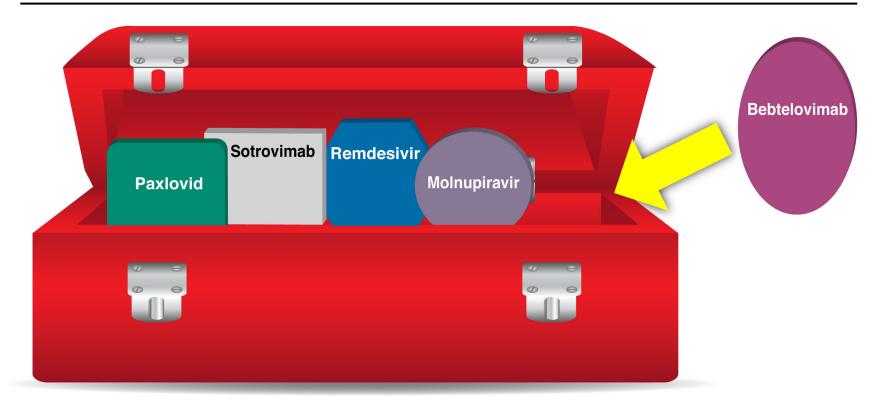
End-organ support

Antivirals and immunomodulators





Therapeutic "Toolkit" for Non-Hospitalized Patients with COVID-19 in the Omicron Era







News Release February 11, 2022

FDA Authorizes New Monoclonal Antibody for Treatment of COVID-19 that Retains Activity Against Omicron Variant

- EUA issued for bebtelovimab for treatment of mild to moderate COVID-19 in adults and pediatric patients (≥12 years of age and ≥40 kg):
 - With positive results of direct SARS-CoV-2 viral testing and
 - Who are at high risk for progression to severe disease, and
 - For whom alternative COVID-19 treatment options approved or authorized by FDA are not accessible or clinically appropriate





Bebtelovimab Neutralization Data: Selected SARS-CoV-2 Variants

Lineage	WHO Nomenclature	Fold Reduction in Susceptibility*
B.1.1.7	Alpha	No change
B.1.351	Beta	No change
P.1	Gamma	No change
B.1.617.2/AY.3	Delta	No change
B.1.1.529/BA.1	Omicron	No change
BA.1.1	Omicron [+R346K]	No change
BA.2	Omicron [BA.2]	No change
		45 1. 1.0 1.0 5 4

Source: FDA EUA Fact Sheet for Bebtelovimab

*Psuedotyped Virus-Like Particle Assay No change: <5-fold reduction in susceptibility.





Bebtelovimab Developed From Antibodies From a Recovered COVID-19 Patient

- Bebtelovimab was developed from antibodies co-discovered by AbCellera in collaboration with the NIAID Vaccine Research Center and developed by Eli Lilly.
- Millions of a patient's antibody-producing cells screened to identify and isolate potent antibodies that bind to SARS-CoV-2
 - Platform also used in discovery of bamlanivimab (first SARS-CoV-2 monoclonal antibody to be granted EUA)







FOR IMMEDIATE RELEASE February 10, 2022

Secretary Becerra Announces HHS Purchase of 600,000 Treatment Courses of New Monoclonal Antibody That Works Against Omicron

- Federal government has purchased 600,000 treatment courses of bebtelovimab (manufactured by Eli Lilly)
- Contract also includes a future option for 500,000 additional doses



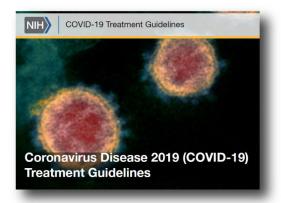


Will I Need a 4th COVID-19 Shot?





More Information



NIH COVID-19 Treatment Guidelines

www.covid19treatmentguidelines.nih.gov



Find COVID-19 Vaccines

Vaccines.gov

1-800-232-0233







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