

# U.S. Antiviral Drugs Market Size, Share & Trends Analysis Report By Type (Branded, Generics), By Drug Class, By Drug Class, By Distribution Channel (Hospital, Retail, Online) And Segment Forecasts, 2025 - 2030

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## Abstracts

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### U.S. Antiviral Drugs Market Summary

The U.S. antiviral drugs market size was estimated at USD 26.41 billion in 2024 and is projected to reach USD 23.61 billion by 2030, growing at a CAGR of -1% from 2025 to 2030. This decline is largely due to the waning demand for COVID-19-specific antivirals, as the number of severe COVID-19 cases and related hospitalizations has dropped significantly in 2025.

Treatments for HIV, hepatitis B and C, herpes, and influenza primarily drive the U.S. market for antiviral drugs. The CDC estimates that about 1.2 billion people in the U.S. are living with HIV, 2.4 billion with hepatitis C, and 850,000 with hepatitis B. The CDC reports that acute respiratory illnesses, including influenza, COVID-19, and RSV, remain at very low levels in the U.S. as of mid-2025, reducing the immediate demand for antiviral medications. This low incidence, combined with the growing use of complementary health approaches for symptom relief and immune support, has moderated the growth of the antiviral drugs market.

Despite these advancements, the high cost of antiviral treatments remains a significant challenge for many patients and healthcare systems in the U.S. For instance, the hepatitis C drug Sovaldi costs approximately USD 1,000 per pill, resulting in a total

treatment cost of around USD 84,000 for a 12-week course . Similarly, Olysio's monthly treatment cost is estimated at USD 23,600, with treatment durations extending up to 48 weeks.

Regulatory oversight by the U.S. Food and Drug Administration (FDA) plays an essential role in shaping the antiviral drugs industry. The FDA's rigorous approval process ensures safety and efficacy, with recent approvals emphasizing combination therapies and pediatric indications. In June 2025, the FDA approved the expanded use of Mavyret for acute hepatitis C in children aged 3 and above.

## U.S. Antiviral Drugs Market Report Segmentation

This report forecasts revenue growth at country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the global U.S. antiviral drugs industry report based on type, drug class, application, and distribution channel.

Type Outlook (Revenue, USD Billion, 2018 - 2030)

Branded

Generics

Drug Class Outlook (Revenue, USD Billion, 2018 - 2030)

DNA Polymerase Inhibitors

Reverse Transcriptase Inhibitors

Protease Inhibitors

Neuraminidase Inhibitors

Others

Application Outlook (Revenue, USD Billion, 2018 - 2030)

HIV

Hepatitis

Herpes

Influenza

Others

Distribution Channel Outlook (Revenue, USD Billion, 2018 - 2030)

Hospital Pharmacy

Retail Pharmacy

Online Pharmacy

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