

# HIV Drugs Market Expected to Surpass USD 44.56 Billion by 2032 as Technological Advancements Drive Market Expansion

*HIV Drugs Market Projected to Grow Significantly Due to Advancements in Treatment Options and Increased Awareness of Prevention and Early Intervention.*

AUSTIN, TX, UNITED STATES, October 29, 2024 /EINPresswire.com/ -- According to Research by S&S Insider, The [HIV Drugs Market](#) was valued at USD 32.7 billion in 2023 and is projected to reach USD 44.56 billion by 2032, growing at a compound annual growth rate (CAGR) of 3.5% from 2024 to 2032.



Broad Range of HIV Drugs Target Key Stages of Virus Lifecycle, Highlighting Need for Global Accessibility.

HIV drugs that have been developed include broad drug treatment options that target a lot of the virus life stages. The drugs come classified into different categories which primarily target the progression of viruses and prevent the conversion process to AIDS, the acronym for acquired Immunodeficiency Syndrome. NRTIs such as Zidovudine and Tenofovir act as a barrier to the viral replication process, whereas NNRTIs such as Efavirenz act in an alternative manner to inhibit reverse transcriptase enzyme activity thereby blocking the synthesis of the genetic material of the virus. PIs prevent the mature formation of the virus particles by preventing the processing of precursors. Drugs in this category are led by Ritonavir. INSTIs include drugs like Raltegravir and Dolutegravir that prevents integration of the virus into host DNA, which is another critical step in the reproduction of HIV.

Except that, socio-economic and demographical factors determine the world incidence of HIV. Diverse regions have their unique issues such as there are no awareness regarding the transmission, less prevention measures and negative stigma associated with the virus. These barriers are responsible for increased risk behaviors and lessened utilization of prevention

practices, thus contributing to the rising transmission rate. Greater access to medications, in addition to availability of a few classes of HIV drugs, have overcome these barriers in several of the advanced health care systems. The access gaps, though, present an urgent area of need related to affordable and accessible treatment in HIV around the globe.

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Leading Players Included are:

- ViiV Healthcare
- Gilead Sciences
- GlaxoSmithKline
- Merck Sharp & Dohme Corp
- Bristol -Myers Squibb Co
- Janssen Pharmaceuticals
- Boehringer Ingelheim International
- Abbvie
- Genentech
- Mylan

Scientific Advances and Rigorous Testing Propel Growth in the HIV Drugs Market

Advances in scientific research, especially virology, immunology, and molecular biology, are boosting the HIV Drugs Market. Better understanding of the HIV virus has led to the establishment of therapeutic targets, developing drugs that intervene at any stage of the virus cycle. This more intense research on treatment mechanisms allowed the development of more effective and tolerable therapies with less side effect, thus widening the range of market adoption rates.

Massive clinical testing and approval in the HIV Drugs Market greatly open a growth window for the market. Testing under the guidelines of the US FDA, EMA, and other related regulatory bodies assures the patients that new drugs are absolutely safe to consume and ensure efficacy in combating the viruses. As these new drugs receive approval, they tend to create new market opportunities toward enhanced patient outcome and entry of market penetration.

## SEGMENTATION ANALYSIS

By Drug Class

- Integrase Inhibitors
- Non- Nucleoside Reverse Transcriptase inhibitors (NRITs)
- Combination HIV medicines
- Others

According to the class of drug, market is dominated by integrase inhibitors and combination HIV medicine. The former drugs are sought because of its high performance that can inhibit the replication process of virus along with reduced adverse effects. Combination HIV drugs are also widely used, which simplifies the treatment process since multiple drugs are combined into a single dose, thereby improving patient adherence to the treatment regimen.

#### By Distribution Channel

- Hospital Pharmacies
- Retail Pharmacies
- Online Pharmacies
- Others

Hospital pharmacies are the most dominant channel for HIV drugs since they have direct access to patients who require immediate and comprehensive care. Retail and online pharmacies also increasingly become popular as convenient points of access for chronic maintenance therapy and refills, especially in high-HIV-prevalence areas.

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#### REGIONAL DEVELOPMENTS

North America presents itself as the leading market region for HIV Drugs because of its advanced healthcare structures and the presence of major pharmaceutical players specializing in HIV research and treatment. The United States and Canada especially have widespread availability of anti-retroviral drugs supported by an established health-care system and continued research advancement in HIV drugs. While most populations cannot afford the available HIV drugs, health professionals in North America continue incorporating new HIV drugs into health care to improve patient conditions.

Europe is also strong, with several countries offering universal healthcare. The HIV medicines are readily available in such countries, and the rates of the prevalence of the disease in the region are much lower compared to North America. Prevention measures and treatment innovation will never end, making the need for HIV drugs not lower.

#### RECENT TRENDS

October 2024: Gilead Sciences and MSD are taking their once-weekly HIV treatment regimen into Phase II trials, based on promising results from a 48-week study. This new treatment will have MSD's islatravir, an experimental nucleoside reverse transcriptase inhibitor, combined with Gilead's lenacapavir, marketed under the brand name Sunlenca to be used together with other antiretroviral drugs to treat people suffering from multidrug-resistant HIV infection. These new medicines are not currently available daily HIV drugs in the market, such as Gilead's Biktarvy

(bictegravir 50mg/emtricitabine 200mg/tenofovir alafenamide 25mg), for long-acting HIV option for the people living with HIV.

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