

Pharmaceutical Prices Over Time & the Effects in the United States

Abstract (Background)

The annual increase on price of pharmaceuticals are becoming a growing health concern in the United States for patients, prescribers, and policy makers.

Why is this an issue?

- Prices of newly marketed and pre-existing pharmaceuticals in the United States has exponentially increased each year.
- The United States has spent more on pharmaceuticals than other countries. (PGPF)
- Increase in co-payments for pharmaceuticals reduce affordability of prescribed regiments and reduce patient adherence. (Kesselheim et. al.)

How did the issue come to be?

A series of instances have led to the issue at hand such as:

- United States healthcare system enables pharmaceutical manufacturers possessing the ability to freely set prices after approval. (Rome et.al.)
- The United States possesses market forces that enable continuous high pharmaceutical prices: protection from competition and negotiating power. (Kesselheim et. al.)

Who is Impacted

All citizens, adult and child, of the United States are impacted, but particularly those who do not possess adequate public or private health insurance.

As of 2023, approximately 30 million people in the United States are uninsured and approximately 9 million children in the United States lack proper healthcare coverage.

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Evidence Price Trends for Newly Marketed Drugs Per Capita Spending on Prescription Drugs in from 2008-2021 by Drug Characteristic 2019 by Country by Congress. New active in The Inflation Reduction Act -2022 \$1,000 580 (3076-98 516) \$800 68 344 (115 609-240 30 Accelerated ap 12 912 (3434-96 030 \$600 atient populat 8 441 (78 291-338 37 \$400 252 (2675-33 227) Oncolog 5 091 (109 832-233 9 \$200 783 (2963-52 483) Nononcolog oute of administr inflation. Per Capita Spending on Prescription Driugs, 2019. Reprinted from Peter G. Peterson Foundation, PGPF, 2022. Prices for Newly Marketed Drugs from 2008-2021 pharmaceuticals. Solutions

in prescription drug launch prices, Rome et. al., 2022.



Attention to Issue

With the annual growing price in pharmaceuticals in tandem with the number of people without adequate health insurance. Multiple negative impacts arise such as:

- Increase in copayments reduce pharmaceutical use by 26% among low-income individuals.
- Increase in pharmaceutical fees led to a 14% reduction in the use of essential medications leading to a 78% increase in emergency room admission rates and 88% increase in adverse event rates.

Addressing the Issue

Within the recent years, pharmaceutical policy has been a major topic in the United States government. Most recently in 2022, progress within the pharmaceutical drug policy has been made

- Provides authority to Medicare and Medicaid Services to negotiate pharmaceutical prices.
- Require pharmaceutical companies to pay rebates to Medicare for price increases that outpace
- Provide senior citizens with financial protection.

• In addition, in recent years, the Supreme Court of the United States forced the US Patent and Trademark Office reevaluate previous permissive approach to the patentability to

A potential solution is to increase government involvement to reduce pharmaceutical prices

Creation of a separate governing body or enhancement of a pre-existing governing body within the federal government.

- Negotiate pharmaceutical prices at their respective launch and continued
- Enhance to individuals on other healthcare plans beyond Medicare and Medicaid Services.
- As pharmaceutical price decrease, the potential of increased affordability can transpire, thus: Increase use among low-income individuals.
 - Increase use of essential medications.
- Decrease emergency room admission rates.
- Decrease adverse event rates.

Literature Cited

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