

Market Analysis on Journal of Medical Toxicology and Clinical Forensic Medicine

We are pleased to inform you that "Journal of Medical Toxicology and Clinical Forensic Medicine" this journal will give you exemplary experience and great insights in the field of research. The global pharmaceuticals market was worth \$934.8 billion in 2017 and will reach \$1170 billion in 2021, growing at 5.8%, according to a recent pharma market research report by The Business Research Company.

The factors that affect the toxicological market size include disease prevalence, drug affordability, consumer attitudes, government policies and some supply-side factors:

- Disease prevalence is related to population size, age, genetic inheritance and behavior (infectious disease incidence is lower where sanitation practices are better; sedentary lifestyles also encourage chronic disease).
- Affordability is related to income but also to drug prices.
- Consumer attitudes include willingness to use alternative therapies or distrust of taking drugs.
- Government (and insurance company) policies affect reimbursement and who the payer is. Other government policies determine regulation, which can be a significant barrier to the launch of new treatments.
- A major supply-side factor is availability of an appropriate treatment, which may be a matter of quantity, as in an epidemic, or of drug discovery and development.

PESTEL Analysis for the Pharmaceuticals Market

Current and on-going changes in political, economic, social, technological, legal and environmental factors are influencing growth in the healthcare market, where drugs play an important part. The following factors are all boosting healthcare market growth:

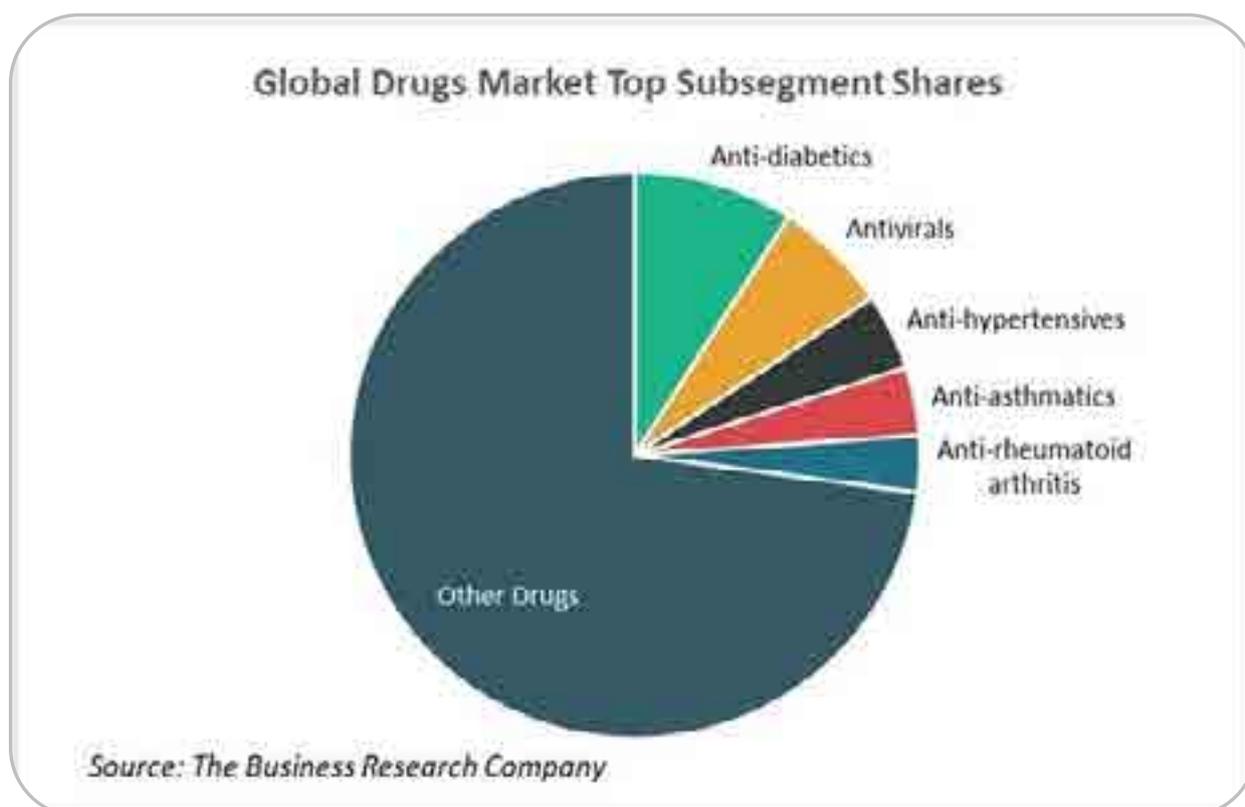
- Reduced taxes and lowered drug prices in the USA
- GDP growth of over 6% in China and India
- Widespread population aging and sedentary lifestyles leading to increased chronic disease prevalence
- Industrialized data services in R&D enabling the use of clinical trial data in trial simulations
- Lowered regulatory barriers for new drugs in the USA
- High urban pollution levels increasing the incidence of conditions like asthma

As a result, healthcare expenditure per capita is set to rise from its 2017 level of \$1137 to \$1427 by 2021.

Key Segments in the Pharmaceutical Market

The largest pharma market globally is for musculoskeletal drugs. These are treatments for diseases such as rheumatoid- and osteo- arthritis, osteoporosis, carpal tunnel syndrome, tendonitis, rotator cuff tear, muscular dystrophy, myasthenia gravis, lupus erythematosus and others. Major drugs in this segment include Piroxicam Glaxo, Dolonex, Felden, and Piroxicam Pfizer. The segment accounted for 14% of the global total in 2017. Cardiovascular, oncology and ant-infective drugs are the second third and fourth largest markets.

Drugs for treating metabolic disorders such as diabetes and diseases of the thyroid and pituitary glands will be the fastest-growing segment of the global pharma market to 2021. This segment will grow at 9% a year going forward, following recent growth of 11.6%, but it will remain in fifth place for market size.

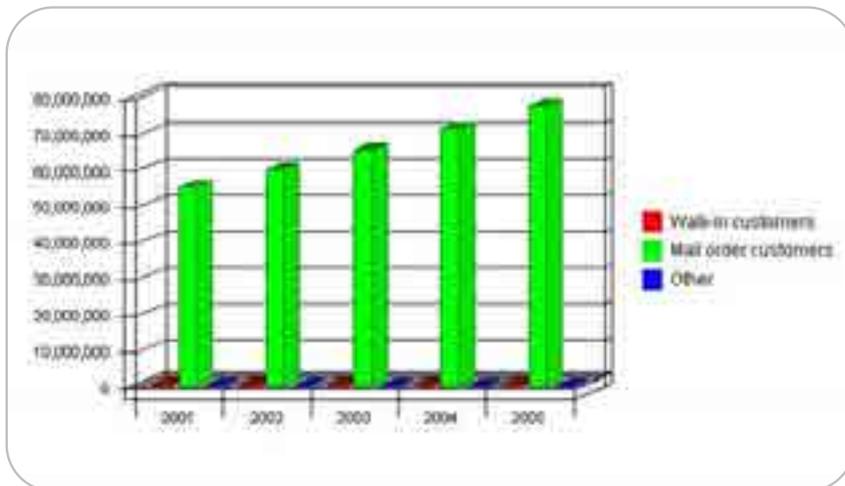


Anti-diabetic drugs are the largest subsegment of the global pharmaceutical industry, worth over \$85 billion in 2017; second are the anti-virals and third come anti-hypertensives. Drugs for some of the less prevalent cancers — thyroid, skin and ovarian cancer — are the fastest-growing subsegments. This is in part because the US Federal Drug Administration has allowed a less rigorous regulatory procedure and lower endpoint benchmark for cancer drugs, so increasing the rate of innovation.

Market Trends

The market trend for pharmacies reinforces consolidation. The whole medical industry (including doctors, pharmaceutical companies) has pressure being applied to them from different sides to achieve cost efficiencies and to decrease the cost of the various products/services. Looking specifically at pharmacies, over the last eight years, there has been widespread consolidation, done to a large degree to achieve costs efficiencies.

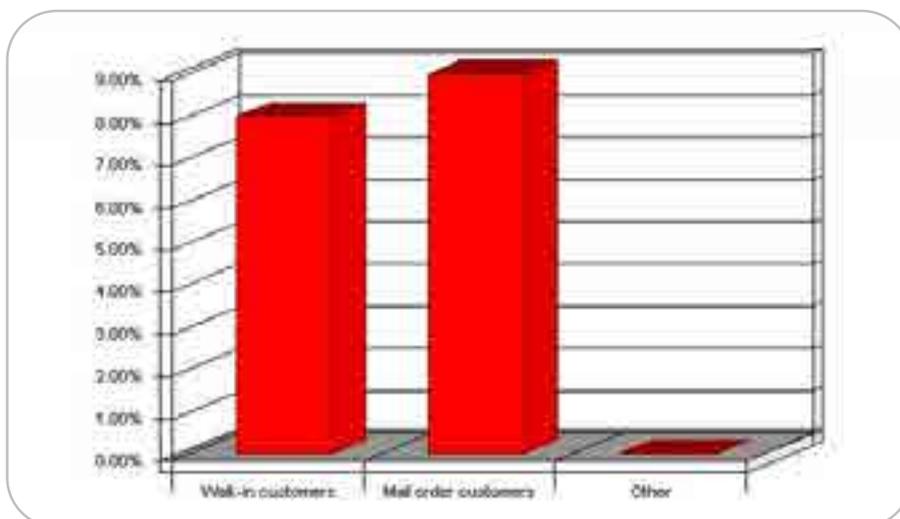
Now insurance companies are adding pressure to decrease costs since they are a main party in the payment for meds. The Discount Pharmacy is able to coexist in this consolidation environment by achieving cost efficiencies through their unique business model of mail order service and a decrease in the normal pharmacist offered services. Companies are adding pressure to decrease costs since they are a main party in the payment for meds.



Market Growth

In 2000, the global pharmaceutical industry as a whole was a \$897 billion dollar industry. The industry is forecasted to continue its record growth. This growth can be attributed to several factors, the underling driver is scientific progress. As our scientific community continues to make breakthroughs in medical applications, people become more and more reliant on medication to lengthen and improve their quality of life.

American society in particular has become increasingly reliant on medication. This conclusion seems to be fairly intuitive as many individuals have a vested interest in living longer and more comfortably. This demand applies pressure to the scientists and pharmaceutical companies who are always on the lookout for the next big blockbuster drug which will ensure profitable returns. While America remains as the largest consumer of medication in the world, to a large degree based on the simple quantitative measurement of GNP, it is reasonable to expect that the retail distribution of these drugs will achieve extraordinary growth rates if they are employing creative business models or if they are one of the "giants."



Forensic Medicine Market Overview

The forensic medicine market will show rapid growth due to the increase in global crime rate, the sophistication of crime and the increasing demand for forensic technologies.

- The crime rates are on the rise, globally and this increase in the crime rates is expected to boost the overall growth of the market. In the Latin American region, the crime rate is very high with violent crime constituting the major part of it. In Colombia, it is estimated that one person is murdered every 10 minutes, due to high levels of social inequality, civil wars and armed conflicts, and low economic growth rate. According to the World Bank, one-fifth of Brazil's 173 million people account for only a 2.2% share of the national income.
- Hence this has increased the demand for forensic techniques that involves collection and analysis of medical evidence, to produce objective information for use in the legal system i.e. forensic medicine. Therefore, all these factors have increased the overall demand for the market studied.
- Also, the development of strong institutions and collaborations has led to the sustained growth of forensic medicine. However, government regulations and the decline in the supply of forensic services has restrained the growth of the market.

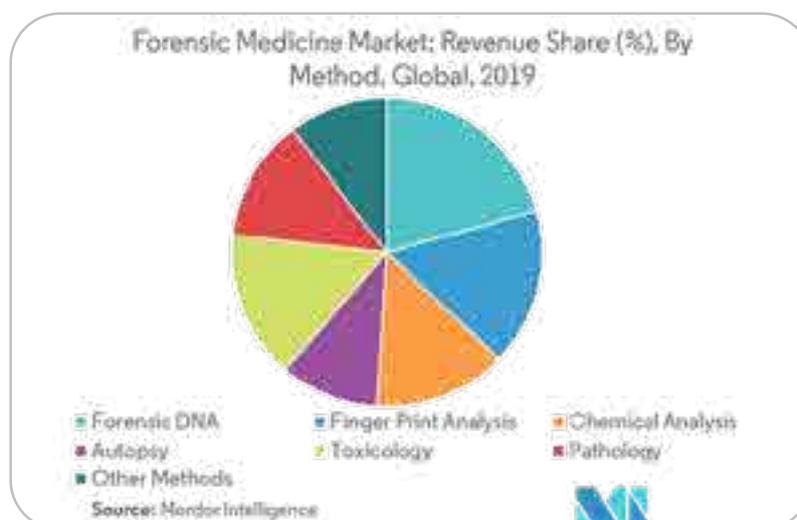
Key Market Trends

Finger Print Analysis is expected to be the Largest Growing Segment in the Forensic Medicine Market

remain an extremely valuable tool for law enforcement. Fingerprint identification, thus, helps in tracking a criminal's record, and their associated previous arrests to aid in decision making.

- However, fingerprints provide significantly more information about an individual. In the context of crime scene investigation, the identification of latent fingerprints is the process of analyzing the latent prints against a database of fingerprints to try to find a match.
- Thus, the fingerprint identification techniques continue to evolve with the increased availability and this field promises to be exciting for the years to come.

North America is Found Leading the Forensic Medicine Market



The United States in the North American region dominates the market of forensic medicine, due to the increasing rate of crimes in the country. There has been a significant increase in the adoption of forensics by private companies and law enforcement agencies in various sectors, including healthcare. North America thus accounts for the maximum contribution of the total publications on forensic medicine.

Competitive Landscape

There has been a presence of a considerable number of companies that are significantly contributing to the market growth. New product launches, mergers and acquisitions, partnerships, and collaborations are the key strategies undertaken by these companies for sustainable growth.

MARKET OPPORTUNITIES AND FUTURE TRENDS

** Subject to Availability

**Competitive Landscape covers- Business Overview, Financials, Products and Strategies and Recent Developments

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