

Pharmacy Management System - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Pharmacy Management System Market size is estimated at USD 101.07 billion in 2025, and is expected to reach USD 207.48 billion by 2030, at a CAGR of 15.47% during the forecast period (2025-2030).

Key Highlights

- Pharmacy management systems (PMS) are the systems that organize and manage the drug usage process within pharmacies by storing data and enabling functionality. Growing applications of pharmacy management systems in healthcare and a rise in the number of pharmacies that are adopting pharmacy management systems for various applications are the key factors fueling the growth of the market.
- Chemists use pharmaceutical management system-based platforms to regulate drugs and manage numerous stakeholders engaged in the value chain. These systems' abilities to bridge the communication gap, supply authentic pharmaceuticals, and lower the rates of drug counterfeiting are encouraging pharmacies to adopt them and streamline workflows, thus driving market growth.
- In addition, regulatory compliance stands out as a pivotal driver for the growing demand for pharmacy management systems (PMS) in both independent and chained pharmacies. These systems, by incorporating e-Rx functionalities, play a crucial role in mitigating medication errors that often stem from misinterpreted prescriptions. Consequently, they not only bolster patient safety but also streamline compliance efforts. Also, the use of PMS helps pharmacies with record-keeping, e-prescriptions, medication safety, and data security, thus driving their adoption to comply with regulations.
- Furthermore, the rising burden of chronic and infectious diseases worldwide is expected to offer significant growth opportunities for players operating in the market, as these diseases increase the consumption of prescription drugs. This, in turn, is expected to increase demand for automated management solutions. However, high implementation costs, a rise in the number of software hackers, and a limited understanding of software usage are the factors challenging the market's growth.

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- The COVID-19 pandemic had a mixed impact on the pharmacy management software systems market globally. Supply chain disruptions and surges in demand for certain medications highlighted the importance of the robust inventory management functionalities offered by PMS. Further, the growth of online pharmacies during the pandemic boosted the need for PMS that could integrate e-commerce functionalities.

Pharmacy Management System Market Trends

Chained Pharmacies Expected to Drive Market Growth

- The growing number of chained pharmacies creates demand for pharmacy management systems to enhance operational efficiency, inventory management, regulatory compliance, data integration and centralization, customer relationship management, and streamline prescription processing.
- The healthcare industry's growth is propelled by a rising demand for streamlined healthcare services and the adoption of advanced technologies, notably AI, in inventory management. Additionally, the pharmacy industry's appetite for inventory management software is set to surge, fueled by a growing embrace of pharmacy automation systems and a heightened focus on reducing medication errors.
- The expansion of pharmacy chains is driving the need for pharmacy management systems by introducing complexities that require efficient, scalable, and compliant solutions. For instance, the India-based MedPlus pharmacy chain has established itself as one of the largest organized retail pharmacies nationwide, with a significant presence in southern India. The company plans to add 600-700 stores annually, focusing on market penetration and expansion into new states.
- Moreover, global players are engaging in strategic initiatives to expand their business worldwide. In December 2023, hospital and pharmacy chain Aster DM Healthcare Ltd stated its plan to acquire private operators to fuel expansion in India after hiving off its Gulf business for USD 1 billion. Currently, Aster operates 34 hospitals and hundreds of clinics and pharmacies across India and the Gulf.

North America to Hold a Major Market Share

- The healthcare industry across North American countries is undergoing enormous alterations, fueled by new technologies and the implementation of new healthcare statutes and reforms. Almost all facets of healthcare are evolving, including insurance coverage and healthcare data analytics to create efficient treatment regimens.
- Many pharmacies use a historical business model, although it has begun to include modern technologies and improvements in customer care. In contrast to using their licenses to the fullest extent possible (such as offering counseling and point-of-care testing), retail chemists in the United States are highly educated medical professionals who spend a disproportionate amount of time counting pills and handling clinical corrections. It might also be possible to help employees concentrate on these activities by automating redundant processes and less critical aspects of their profession.
- Due to the rise in the burden on pharmacists, increasing consumption of over-the-counter (OTC) and prescription drugs is driving the adoption of pharmacy management systems in the region. For instance, according to Statistics Canada, retail sales of prescription drugs in Canada have seen a significant rise. The sales of prescription drugs increased to CAD 9.6 billion (~USD 6.93 billion) in the third quarter of 2023 from CAD 8.4 billion (~USD 6.07 billion) in the third quarter of 2022.
- Moreover, most new prescription drugs are sold first in the United States before they reach other nations. PMS allows pharmacists to stay up to date on this information as it can integrate with drug information databases to provide real-time access to the latest prescribing information, potential side effects, and drug interaction warnings for these new medications.
- The number of pharmacies and drug stores in the United States increased from 27,848 in November 2022 to 30,739 in

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November 2023. This rise in the number of pharmacies is anticipated to drive demand for pharmacy management software to automate tasks such as inventory management, prevent medication errors, and automate dosage calculations.

Pharmacy Management System Industry Overview

The pharmacy management software systems market is fragmented, with players such as McKesson Corporation, Becton Dickinson and Clanwilliam Health Ltd, Allscripts Healthcare Solution Inc., Cerner Corporation, GE Healthcare Inc., and Talyst LLC operating in the market. These players are engaging in strategic initiatives like partnerships, collaborations, acquisitions, and product launches to expand their market share.

- April 2024: Walgreens launched Walgreens Specialty Pharmacy, a holistic offering that expands access to care for patients with complex, chronic conditions and enables partnerships that drive profitability for Walgreens' pharmacy business.
- November 2023: Wemex Corporation, a wholly owned subsidiary of PHC Holdings Corporation, launched the PharnesX series of software for pharmacies in Japan. This series includes PharnesX-MX, an electronic medication history system, and PharnesX-EX, a medical receipt system, which helps pharmacists and staff reduce their workload by enhancing information processes and operations related to medication record-keeping.
- October 2023: Titan PMR, a pharmacy solutions provider, introduced its latest pharmacy management software system, Titanverse, to transform community pharmacy and invested more than GBP 1 million of private funds in its development. This platform enables pharmacy chain owners to digitally transfer workloads between separate pharmacies, communicate directly with patients, carry out consultations, manage appointments, and promote specialist clinical services.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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