

Europe Syringe - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

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Abstracts

The Europe Syringe Market size is estimated at USD 4.92 billion in 2024, and is expected to reach USD 7.10 billion by 2029, growing at a CAGR of 7.63% during the forecast period (2024-2029).

The European syringe market is anticipated to grow with the rising burden of chronic diseases and infectious diseases, increasing mass vaccination programs, the trend of self-administration of injections, and greater dose precision in injections. Over the past decade, there has been a rise in the prevalence of several chronic diseases that need medical interventions and medications that utilize syringes. Some of the major chronic diseases include cancer, kidney failure, diabetes, and heart disease, among others, which are prevalent within the European region.

For instance, according to the International Diabetes Federation 2024 update, diabetes cases in France are expected to increase to 4.1 million in 2030 and 4.2 million in 2045. The increasing prevalence and progression of diabetes cases have prompted the utilization of syringes, thus driving market growth. Further, the high number of chronic diseases like diabetes eventually requires an infusion of therapeutic drugs using syringes to manage the disease, which is expected to drive the market's growth during the forecast period.

Furthermore, the occurrence of various conferences and events discussing innovations in the field of syringes is expected to drive market growth in the region. For instance, in October 2023, the Annual Innovative Pre-filled Syringes and Injection Devices Conference was held in Berlin, Germany. The conference discussed the upcoming regulations, standards, and emerging advances in the combination of product drug delivery, research perspectives, and innovative ideas from pharma, medical device

developers, and manufacturers. Hence, such advanced conferences and events are expected to have a notable impact on the market's growth in the region.

Therefore, owing to the high prevalence of chronic diseases and the emergence of innovative conferences, the market studied is anticipated to grow over the analysis period. However, the high number of needle-stick injuries, the high cost of safety syringes, and the alternate drug delivery methods are likely to impede the market's growth.

Europe Syringe Market Trends

The Pre-fillable Syringes Segment is Expected to Witness Significant Growth During the Forecast Period

The segment includes pre-fillable syringes, which are disposable single-dose syringes filled with vaccines/drugs to which a needle has been fixed by the manufacturer. These syringes are majorly used for the parenteral administration of drugs. These syringes offer some benefits, which include no withdrawal phase, direct delivery of drugs to the patient, minimal needle exposure, and delivery of precise doses of drugs. The segment is expected to grow with its increasing demand, technological development, and recent developments by the market players.

The market players are constantly working on development strategies in syringes, which is expected to increase the market penetration of the services and boost the segment's growth. For instance, in May 2023, Germany-based SCHOTT Pharma launched pre-fillable syringes (PFS) intended for deep-cold drugs, which can be stored and transported on dry ice at temperatures reaching -100°C . Hence, owing to such advanced pre-fillable syringes launched by the key players, this segment is likely to witness notable growth during the forecast period.

Furthermore, pre-fillable syringes are usually used in healthcare settings to reduce medication errors and other issues associated with syringes. For instance, as per the article published by researchers in France and Germany in November 2023 in the *Annals of Pharmacotherapy* journal, the adoption of pre-filled/pre-fillable syringes consistently reduced medication errors, adverse events, wastage, and preparation time compared to conventional syringes. Hence, the advantages offered by these syringes are expected to drive segmental growth during the forecast period.

Therefore, these market development activities by the major players, along with the

benefits offered by the pre-filled syringes, are anticipated to drive the growth of the segment.

Germany is Expected to Witness Significant Growth During the Forecast Period

Germany is expected to witness significant growth during the forecast period owing to the high burden of chronic and infectious diseases, the vast geriatric population, and a high number of chemotherapies.

For instance, according to data published by Germany Trade and Invest by the Federal Ministry of Economic Affairs and Climate Action, in 2022, over 24 million people will be aged 65 years and older (approximately 31% of the total population) by 2035. Since the elderly population is more vulnerable to several lifestyle disorders, the demand for surgical treatments and medication involving syringes is anticipated to grow in the coming years, thereby driving the market's growth. Moreover, the same source further detailed that long-term diseases and chronic conditions account for 80% of German healthcare spending. Such factors are likely to augment the adoption of treatments and surgeries for medical ailments, ultimately boosting the demand for syringes in the country.

Furthermore, the rise in infectious diseases in the country is expected to necessitate vaccinations, thereby utilizing syringes, leading to market growth in the country. For instance, according to the data updated by the Robert Koch Institute of Germany in July 2023, in the 26th week of 2023 in Germany, a total of 16 (33%) of the 49 samples submitted for influenza screening were found to be positive. Other than that, 13 rhinovirus samples, four parainfluenza virus (PIV) samples, and one human seasonal COVID-19 (hCoV) sample were also found to be positive in Germany. Thus, owing to the presence of emerging infectious diseases, the vaccination drives are likely to increase and utilize the syringes, ultimately driving the market's growth during the forecast period.

Recent developments by the market players are expected to increase the penetration of syringes in Germany, which is expected to bolster the country's market. For instance, in October 2022, Recipharm, a contract development and manufacturing organization (CDMO), invested in a new high-speed filling line for pre-filled syringes and cartridges at its facility in Wasserburg, Germany, responding to increased customer demand in these high-growth file formats.

Therefore, the aforementioned factors, including the high burden of chronic and infectious diseases, the vast geriatric population, and the recent developments by the market players, indicate that the market in Germany is anticipated to grow in the coming years.

Europe Syringe Industry Overview

The European syringe market is fragmented in nature due to the presence of several companies operating globally as well as regionally. The market players are significantly involved in various strategic activities such as product launches, collaborations, and partnerships to increase the product portfolio. The leading players operating in the market include Becton Dickinson and Company, B. Braun SE, Gerresheimer AG, Terumo Corporation, and Codan Medizinische Geräte GmbH & Co KG.

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