

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

https://marketpublishers.com/r/SEC569C5EF5EEN.html

Date: July 2024 Pages: 110 Price: US\$ 4,750.00 (Single User License) ID: SEC569C5EF5EEN

Abstracts

The South America Syringe Market size is estimated at USD 0.76 billion in 2024, and is expected to reach USD 1.06 billion by 2029, growing at a CAGR of 6.99% during the forecast period (2024-2029).

The major factors driving the growth include the rising burden of chronic diseases and infectious diseases, an increase in the number of mass vaccination programs, and a rise in the trend of plastic surgery in the region, along with greater dose precision associated with injections. For instance, according to an article published by the International Journal of Legal Medicine in March 2022, approximately 66,280 women were affected with breast cancer, revealing that there were 44 cases of breast cancer for every 100 women in 2022 in Brazil. Additionally, the World Health Organization (WHO) estimated that the incidence of breast cancer among Brazilian women in the next 20 years would increase by 47%. Thus, as breast cancer cases rise, the number of patients requiring injectable medications will also grow, hence boosting the market growth.

Each vaccination typically requires a single-use syringe to ensure sterility and prevent disease transmission. Expanding the vaccination program will necessitate a vast quantity of syringes. For instance, according to the Ministry of Health of Brazil, in April 2022, Brazil initiated the National Immunization Program, responsible for developing Brazil's vaccination policy. Under this program, Brazil's Unified Health System (SUS) provides a comprehensive, free immunization program, offering over 20 vaccines to protect against various diseases. This program includes 17 vaccines specifically for children and seven for adolescents. Argentina is one of the top 10 countries worldwide experiencing a surge in the number of 'zero-dose' children who have not received any



vaccinations despite being eligible. For instance, according to the United Nations International Children's Emergency Fund (UNICEF) in May 2023, the Argentinian government focused on the distribution of immunization vaccination among children at zero cost. This surge in demand benefits South American country's syringe manufacturers to meet their vaccination needs. The rise in Brazilian vaccinations will catalyze the entire South American syringe market.

Moreover, plastic surgery relies on syringes for various purposes. Anesthesia is often administered with syringes, and certain cosmetic procedures involve injectable fillers like Botox. The rise in plastic surgery translates to a greater demand for syringes used in these procedures. For instance, according to the Brazilian Society of Plastic Surgery, in August 2023, two million plastic surgery procedures were performed. Thus, the growing popularity of plastic surgery in Brazil will increase the need for syringes used in anesthesia, fillers, and other aspects of the procedures. This will fuel the growth of the market during the forecast period.

Additionally, manufacturers focus on distribution agreements and partnerships to launch and distribute syringes in the South American market. For instance, in July 2022, NuGen Medical Devices Inc. reported a five-year exclusive sales and distribution agreement with SOL-MILLENNIUM Medical Group. Sol-M has a global presence with additional offices in Brazil. Originally a leading producer of plastic molds for the global medical industry, Sol-Millennium was a syringe mold producer. Similarly, in September 2022, BD introduced a next-generation glass pre-fillable syringe (PFS) that sets a new standard in performance for vaccine PFS with new and tightened specifications for processability, cosmetics, contamination, and integrity.

Therefore, the factors mentioned above, including the rising burden of chronic and infectious diseases, an increase in the number of mass vaccination programs, especially for children, and a rise in the trend of plastic surgery in the region, are collectively attributed to the studied market growth over the forecast period. However, growing cases of needle-stick injuries, coupled with the high cost of safety syringes and the availability of alternate drug delivery methods, are expected to hinder market growth during the forecast period.

South America Syringe Market Trends

The Diabetes Segment is Expected to Witness Significant Growth During the Forecast Period



The growing burden of diabetes in South America is driving the growth of the syringe market. As a chronic metabolic disorder affecting millions of people, diabetes requires consistent and precise management of blood glucose levels. For individuals with diabetes, the administration of insulin is a critical aspect of their daily healthcare routine. Insulin, being a hormone necessary to regulate blood sugar, must be delivered through injections, making syringes an essential tool for diabetic patients. For instance, according to the Journal of Estado De Minas, in June 2023, with over 16.8 million cases among individuals aged 20 to 79, Brazil ranked as the fifth country globally with the highest incidence of diabetes. This burden of diabetes will increase the use of syringes for diabetes. Hence, the burden of diabetes is expected to contribute to the overall market growth.

Similarly, in November 2023, according to Jaqueline Correia, president of the Diabetes Brazil Institute, Brazil had 588,000 diagnosed cases of diabetes in 2022. A concerning 30% of these cases are among young people aged 13 to 16, who are already experiencing complications from the disease. Hence, as the number of diabetics in Brazil increases, the demand for insulin administration syringes will surge.

Thus, these aforementioned factors, such as the rising cases of diabetics and the need for syringes associated with the disease, are likely to contribute to the growth of the diabetics segment during the forecast period.

Brazil is Expected to Hold Significant Share in the South American Syringe Market

Brazil contributes to a significant share of the market due to factors such as the rising cases of chronic diseases such as heart failure, osteoarthritis, and hypertension, which require surgeries. Also, osteoarthritis, a degenerative joint disease, is often treated with corticosteroid injections directly into the inflamed joint for pain relief. As osteoarthritis cases rise, there will be a corresponding increase in the demand for syringes used in these injections. For instance, according to a study published in the Lancet Rheumatology in April 2024, the number of Brazilians diagnosed with osteoarthritis has been growing, with approximately 15 million individuals already being affected in 2023. The prevalence of this disease is on the rise, with projections indicating that up to 1 billion individuals may be afflicted by 2050. Thus, the growing prevalence of osteoarthritis in Brazil will lead to a greater need for syringes used in pain management injections. This will positively impact the syringe market across South America during the forecast period.

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Moreover, with an increase in the geriatric population, the chances of surgeries due to their illness increase, increasing demand for syringes, thereby enhancing market growth. For instance, according to the data updated by the United Nations Population Fund dashboard in 2022, an estimated 10% of the total population of Brazil was aged 65 years or older in 2022. Thus, with an increase in the number of old patients, the chances of chronic disease increase, leading to an increased demand for syringes. This led to regional growth during the forecast period.

Therefore, the market is anticipated to witness considerable growth during the forecast period due to the abovementioned factors, such as rising cases of osteoarthritis and the growing geriatric population.

South America Syringe Industry Overview

The South American syringe market is moderately concentrated. Companies are implementing strategic initiatives, such as mergers, new product launches, acquisitions, and partnerships, to strengthen their market position. Some market players are Becton Dickinson and Company, Medtronic (Covidien), B. Braun SE, Merit Medical Systems Inc., and Gerresheimer AG.

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