

Glass Bottles and Containers - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Glass Bottles and Containers Market size in terms of shipment volume is expected to grow from 98.55 million tonnes in 2025 to 116.43 million tonnes by 2030, at a CAGR of 3.39% during the forecast period (2025-2030).

Key Highlights

- Growing consumer demand for safer and healthier packaging is fueling the expansion of glass packaging across diverse categories. Cutting-edge technologies, including embossing, shaping, and artistic finishes, are boosting the allure of glass packaging for end users. Furthermore, the rising appetite for eco-friendly products, combined with a thriving food and beverage sector, is driving the container glass market's growth.
- Recently, a significant movement towards transparency in food packaging has emerged. Glass bottles and transparent containers, celebrated for their timeless elegance, resonate strongly with consumers. In light of this trend, companies globally are increasing their production capacities. For example, in February 2024, Arglass, a manufacturer of glass containers, secured over USD 230 million in funding to set up a second furnace at its Georgia campus in the U.S. This facility, slated to commence operations in Q2 2025, is projected to churn out over 350 million sustainable glass containers each year.
- Prominent players in the glass packaging sector encompass Owens-Illinois, Veralia, Ardagh Glass, Vidrala, BA Vidro, and Gerresheimer, among others. These leading manufacturers hold a significant stake in the global market, thanks to their vast production capacities spread across the globe. As a case in point, Ardagh Group, a key global player in sustainable and infinitely recyclable glass packaging, boasts 61 production facilities in 16 countries and is actively broadening its presence in the glass packaging landscape.
- Yet, glass packaging isn't without its hurdles. The inherent fragility of glass bottles and containers demands careful handling throughout operations and logistics. This delicacy complicates transportation, requiring specialized care. Shipping firms are compelled to adopt specific packaging and shipping techniques to guarantee the safe delivery of glass items. Additionally, the

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carbon footprint linked to glass manufacturing presents another hurdle to the market's expansion.

- Nonetheless, a surge in awareness regarding sustainable packaging, especially in the wake of the pandemic, hints at significant growth prospects in this sector. Emphasizing this momentum, Verallia, the globe's third-largest producer of glass packaging for food and beverages, rolled out an ambitious strategy in May 2024 to curtail CO2 emissions. The firm is eyeing a 46% cut in direct CO2 emissions by 2030 (compared to 2019 benchmarks) and is setting its sights on achieving carbon neutrality by 2050.

Container Glass Market Trends

Wine and Spirits to Lead Beverages Segment

- Coloured glass bottles dominate beverage packaging, primarily to shield wine from sunlight and spoilage. As wine consumption rises, so does the demand for glass packaging. Global market conditions are favouring the glass container industry. With an uptick in both alcoholic and non-alcoholic beverage consumption anticipated over the next couple of years, demand, especially in the beer and alcoholic sectors, is poised to rise.
- Brands and packaging manufacturers are focusing on creating lightweight glass bottles to reduce carbon footprints. There's also a push to design these lightweight bottles for sparkling wines, including champagne. In 2023, French glassmaker Verallia Group, in partnership with Champagne Telmont, trialed an 800-gram champagne glass bottle. These lighter bottles could cut carbon dioxide emissions by about 4% for each bottle produced.
- Glass bottles enhance the wine experience, boasting premium designs and an elegant touch that nods to tradition. This distinct design lends a luxurious feel, distinguishing it from other packaging types. In many developed nations, wine is a popular gift for special occasions, reinforcing the preference for unique glass packaging.
- Data from the International Organization of Vine and Wine indicates a global wine production dip in 2023, with 237.3 million hectoliters produced. In the competitive wine export arena, Italy outpaced Spain in 2023, exporting 21.4 million hectoliters, with France trailing at 12.7 million. This trend highlights Italy's significant demand for beverage container glass.
- Moreover, a report from the National Association of English and Welsh Wine, and Wines of Great Britain (WineGB), indicates a notable rise in on-trade sales for English and Welsh wines. The Anglia Wine Trade Association (Analysis) report predicts English wine production will reach 25-29 million bottles by 2032. This production boost aligns with an expansion of the planted area from 4,000 hectares to an anticipated 7,600 hectares. Such growth is set to drive up the demand for glass bottles and containers. To engage consumers, wine producers are increasingly adopting innovative packaging, unveiling new concepts and designs.

Asia-Pacific is Expected To Witness Robust Growth

- The demand for pharmaceutical container glass packaging in the Asia-Pacific region is on a rapid ascent. This growth is fueled by an expanding healthcare infrastructure, a rising appetite for specialty pharmaceuticals, and vigorous pharmaceutical manufacturing activities. Nations such as China, India, Japan, South Korea, and Australia are witnessing a robust expansion in their pharmaceutical sectors, consequently amplifying the demand for glass container packaging solutions.
- In China, a significant concentration of glass bottle factories—approximately 80%—is found in six key provinces: Shandong, Jiangsu, Henan, Hebei, Zhejiang, and Guangdong. These provinces not only have abundant raw material reserves but also benefit from efficient transportation networks. Additionally, local governments actively support the container glass industry, providing tax incentives and crucial resources like industrial water and electricity. Each production base in these provinces, influenced by the region's advantageous industries, specializes in unique product categories and characteristics.
- China, recognized as the world's foremost exporter of glasses and glassware, sees its products utilized on a global scale. Concurrently, both China and India, significant players in the beverage and pharmaceutical sectors, are experiencing a rapid

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surge in drug production and consumption. As highlighted in a July 2024 report by World's Top Exports (WTE), China clinched the title of the world's leading exporter of glass and glassware in 2023, with exports nearing an impressive USD 26 billion-accounting for over 25% of the global market share for that year.

- Japan has a strong inclination towards glass packaging. The country predominantly produces liquor bottles, food and condiment containers, and medicine bottles. Following a government-initiated law in April 2022 aimed at reducing disposable plastic usage, Japan has seen a notable uptick in the demand for sustainable container glass packaging materials.
- Asian manufacturers, echoing the trends set by their European counterparts, have embraced lightweight container glass production technologies. At the forefront of this movement, Japanese manufacturers have taken the lead in pioneering lightweight glass production. Meanwhile, India has emerged as one of Asia's dominant players in container glass production. Prominent Indian manufacturers, such as Hindusthan National Glass and Industries (HNGL), AGI Glaspac, and PGP Glass (formerly Piramal Glass), are making strides with substantial technological investments aimed at producing lightweight glass containers.

Container Glass Market Landscape

The global container glass market is fragmented with a presence of a large number of key players. The market is primarily dominated by a handful of major companies, including Gerresheimer AG, Owens-Illinois (O-I), Ardagh Packaging Group PLC, and Piramal Glass Ltd. These industry leaders operate across various regions and maintain diversified product portfolios. Nevertheless, the industry faces fierce competition, as numerous other companies also manufacture similar products.

Additional Benefits:

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

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