

PET Bottles Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031)

> ****Industry:**** Rigid Packaging (Plastics, Glass & Metal) (Packaging)

> ****Source:**** <https://www.mordorintelligence.com/industry-reports/pet-bottles-market>

> ****Scraped Date:**** 2026-09-17

Executive Market Summary

Market Metric	Details
:---	:---
Base Market Size	USD 56.5 million
Projected Forecast (2031)	USD 56.5 million
Growth Rate (CAGR)	4.51 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

![Major players in PET Bottles industry](images/chart_2.png)

![PET Bottles Market (2026 - 2031)](images/chart_3.png)

![PET Bottles Market: Market Share by End-User Vertical](images/chart_4.png)

![PET Bottles Market: Market Share by Bottle Capacity](images/chart_5.png)

![PET Bottles Market CAGR (%), Growth Rate by Region](images/chart_6.png)

![PET Bottles Market Concentration](images/chart_7.png)

![Icon](images/chart_8.png)

![footer background image](images/chart_10.png)

![Mordor Intelligence on Facebook](images/chart_12.svg)

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![ESOMAR](images/chart_17.png)

![GPTW](images/chart_19.png)

Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market Overview

Study Period
|

2020 - 2031
|

Market Volume (2026)
|

27.32 Million metric tons
|

Market Volume (2031)
|

33.49 Million metric tons
|

Growth Rate (2026 - 2031)
|

4.51 %
|

Fastest Growing Market
|

Africa
|

Largest Market

Asia Pacific

Market Concentration

Medium

Major Players

*Disclaimer: Major Players sorted in no particular order

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Market Overview

PET Bottles Market Analysis by Mordor Intelligence

The pet bottles market size reached 26.14 million metric tons in 2025, is expec

ted to increase to 27.32 million metric tons in 2026 and reach 33.49 million metric tons by 2031, growing at a CAGR of 4.51% from 2026 to 2031. Demand progression reflects three structural forces: first, brand-led lightweighting that lowers cost per fill while cutting greenhouse-gas emissions, second, region-wide mandates that make recycled content commercially indispensable, and third, digital watermarking that lifts food-grade rPET yield and secures compliant supply. Beverage lines remain the backbone of the pet bottles market, yet pharmaceuticals and personal care deliver outsized growth because shatter resistance, clarity, and FDA compliance help PET displace glass. Competitive tension from aluminum and glass is gathering pace in premium water and energy drinks, still PET keeps its cost advantage in high-volume packaged water and carbonated soft drinks. Geographically, Asia-Pacific supplies scale and price competitiveness, North America and Europe anchor regulatory innovation, and Africa emerges as the fastest-growing demand center as urbanization broadens cold-chain access.

Key Report Takeaways

- * By end-user vertical, beverages controlled 63.23% of the pet bottles market share in 2025, while pharmaceuticals registered the quickest expansion with a 5.34% CAGR to 2031.
- * By technology, stretch blow molding captured 78.12% of the 2025 pet bottles market size, whereas thermoforming is projected to post a 4.71% CAGR between 2026 and 2031.
- * By bottle capacity, formats below 500 mL dominated with 43.12% volume in 2025, but containers above 2 liters are forecast to rise at a 4.83% CAGR through 2031.
- * By resin type, virgin PET held 72.34% of 2025 demand, yet recycled PET is on course for a 4.41% CAGR, narrowing the differential in regions with deposit return schemes.
- * By geography, Asia-Pacific led with 39.21% share in 2025, while Africa is set for the fastest trajectory, advancing at a 5.12% CAGR through 2031.

Key Market Trends

Global PET Bottles Market Trends and Insights

Drivers Impact Analysis*

Driver
|

(~) % Impact on CAGR Forecast
|

Geographic Relevance
|

Impact Timeline
|

Increasing Adoption of Lightweight Packaging

|

+1.2%
|

Global, strongest in North America and Europe
|

Medium term (2-4 years)
|

Surging Bottled Water Consumption Worldwide

|

+1.5%
|

Asia-Pacific core, spillover to Middle East and Africa
|

Short term (≤ 2 years)

|

Policy-Led Push for Closed-Loop Recycling Infrastructure

|

+0.9%
|

Europe and North America, expanding into Asia-Pacific
|

Long term (≥ 4 years)
|

HolyGrail 2.0 Digital Watermarking Boosting Food-Grade Sorting Yield

|

+0.4%
|

Europe, pilots in North America
|

Medium term (2-4 years)
|

Deployment of AI-Driven Hot-Fill Barrier Additives for rPET Premium Drinks

|

+0.3%
|

North America and Europe
|

Medium term (2-4 years)
|

On-Site Bottle-to-Bottle Micro-Recycling Units at Beverage Filling Plants

|

+0.2%
|

Global, early adoption in Europe and Asia-Pacific
|

Long term (≥ 4 years)
|

Source: Mordor Intelligence
|

Competitive Landscape

Competitive Landscape

The pet bottles market exhibits moderate fragmentation, with the top five converters holding roughly 45% of global volume, leaving ample room for regional and niche specialists. Amcor, ALPLA, and Gerresheimer leverage vertical integration into recycling, securing long-term rPET supply and guaranteeing compliance for multinational beverage and pharmaceutical clients. Amcor's EUR 50 million (USD 56.5 million) expansion in France adds 25,000 metric tons of annual rPET capacity, reinforcing its position as a preferred supplier to Danone and Nestlé Waters. ALPLA's on-site bottle-to-bottle units, installed at Coca-Cola Europacific Partners' German and Polish plants, cut bale transport emissions by 30% and compress supply chains, demonstrating how operational innovation translates into contract renewals. Gerresheimer focuses on regulated pharmaceutical niches where FDA 21 CFR 177.1630 compliance creates high barriers to entry, enabling stable margins despite smaller volumes.

Mid-tier players such as Greiner, Resilux, and Retal carve defensible positions through geographic proximity and rapid design customization. Greiner's 100% rPET shampoo bottle for Unilever incorporates digital watermarking, aligning with retailer sustainability scorecards. Resilux commissioned a 15,000-metric-ton line in Nairobi, powered partly by solar, capturing Africa's 5.12% CAGR and hedging against grid instability. Retal expanded Saudi preform capacity by 800 million units, exploiting Vision 2030 local-content incentives and proximity to Gulf Cooperation Council markets. These converters prioritize agility over scale, responding to short-run specialty beverage orders that global giants find economically unattractive.

Chemical recycling disruptors, including Eastman and Loop Industries, are scaling depolymerization reactors that convert contaminated and colored PET waste into virgin-equivalent resin, bypassing mechanical recycling's quality ceiling. Plastik's USD 120 million joint venture with Loop Industries targets 18,000 metric tons of annual output by 2027, offering converters a second feedstock channel insulated from bale market volatility. Graham Packaging's AI-driven hot-fill barrier additives enable 15% rPET in juice applications previously restricted to virgin grades, winning a USD 75 million PepsiCo contract for Gatorade and Tropicana. As extended producer responsibility fees escalate, suppliers with proprietary recycling or specialty-material capabilities are poised to widen market share, while commodity converters face margin compression and potential consolidation.

PET Bottles Industry Leaders

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Amcor plc

*

ALPLA Werke Alwin Lehner GmbH & Co KG

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Gerresheimer AG

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PACT Group Holdings Ltd.

*

Retal Industries Ltd.

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*Disclaimer: Major Players sorted in no particular order

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Component Component 3 Scope Of The Report Bottom

Global PET Bottles Market Report Scope

Polyethylene terephthalate (PET) is used in plastic bottle production. Its popularity stems from its durability, cost-effectiveness, and high recyclability, making it practical and environmentally responsible. PET bottles are characterized by their transparency, lightweight nature, and flexibility. They effectively preserve the quality of their contents, maintaining taste and odor. After use, PET bottles can be easily recycled through dedicated collection systems. The beverage industry widely adopts PET because it can withstand various temperatures and pressures, ensuring product safety and quality. The material's lightweight nature reduces transportation costs and energy consumption, enhancing its environmental benefits. PET's recyclability contributes to a circular economy model, promoting material reuse, waste reduction, and resource conservation.

The PET Bottles Market Report is Segmented by End-user Vertical (Beverages, Food, Personal Care, Household Care, Pharmaceuticals, Other End-user Verticals), Technology (Stretch Blow Molding, Injection Molding, Extrusion Blow Molding, Thermoforming), Bottle Capacity (Less than 500 mL, 501 mL to 1 L, 1.01 L to 2 L, More than 2 L), Resin Type (Virgin PET, Recycled PET), and Geography (North America, South America, Europe, Asia-Pacific, Middle East, Africa). The Market Forecasts are Provided in Terms of Volume (Million Metric Tons).

By End-user Vertical

Beverages

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Packaged Water

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Carbonated Soft Drinks

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Fruit Juice

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Energy Drinks

|

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Other Beverages
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Food
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Personal Care
|

Household Care
|

Pharmaceuticals
|

Other End-user Verticals
|

Segmentation Accordion Item
By Geography

North America
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United States
|

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Canada
|

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Mexico
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South America
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Brazil
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Argentina
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Rest of South America
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Europe
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United Kingdom
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Germany
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France
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Spain

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Italy

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Rest of Europe

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Asia-Pacific

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China

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India
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Japan
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Australia
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South Korea
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Rest of Asia-Pacific
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Middle East
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Saudi Arabia
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United Arab Emirates
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Turkey
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Rest of Middle East
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Africa
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South Africa
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Kenya
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Rest of Africa
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Frequently Asked Questions

What is the projected size and growth rate for PET bottles through 2031?

Global volume is expected to reach 33.49 million metric tons by 2031, expanding at a 4.51% CAGR from 2026, driven by beverage demand, lightweighting, and recycled-content mandates.

Which end-user vertical is growing fastest?

Pharmaceuticals are advancing at a 5.34% CAGR through 2031 as biologics and liquid formulations shift from glass to PET for shatter resistance and lower shipping weight.

How are recycled-content regulations affecting the PET bottles industry?

European Regulation 2025/40 mandates 30% recycled content by 2030 and 65% by 2040, compelling converters to secure long-term rPET contracts and invest in chemical recycling to meet compliance.

What role does lightweighting play in cost reduction?

Lightweighting cuts resin consumption by up to 15%, lowers freight emissions, and reduces extended producer responsibility fees, delivering immediate payback for converters and brand owners.

Which region offers the highest growth potential?

Africa is forecast to register a 5.12% CAGR from 2026 to 2031, fueled by urbanization, rising middle-class consumption, and infrastructure investments in Kenya, South Africa, and Nigeria.

How is digital watermarking improving recycling yields?

HolyGrail 2.0 achieves 90% detection accuracy for SKU-level sorting, lifting food-grade rPET yields by 15-20% and enabling chain-of-custody verification for recycled-content claims.