

Global Egg Donation Market Projected to Reach USD 1.38 Billion by 2034, Fueled by a 10.20% CAGR

The global egg donation market was valued at approximately USD 523.26 million in 2024 and is expected to reach around USD 1,382.08 million by 2034

PUNE, MAHARASHTRA, INDIA, August 28, 2025 /EINPresswire.com/ -- Market Overview

The [global egg donation market Size](#) was valued at USD 523.26 million in 2024 and is projected to reach USD

1,382.08 million by 2034, growing at a CAGR of 10.20% between 2025 and 2034. Egg donation is an assisted reproductive technology (ART) procedure where eggs from a healthy donor are retrieved, fertilized, and implanted into the intended recipient to help overcome infertility challenges.

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Deepak Rupnar

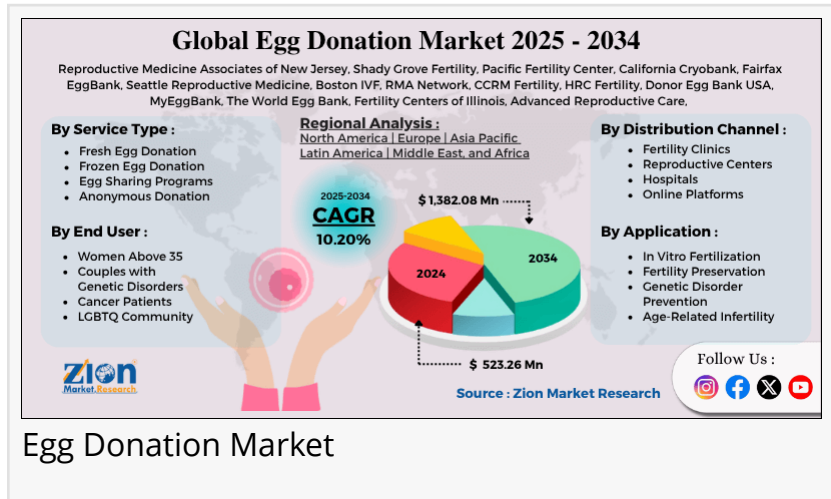
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Rising infertility rates, increasing demand for assisted reproductive procedures, delayed pregnancies, growing acceptance of third-party reproduction, and advancements in fertility treatments are driving the market.

Key Insights:

As per the analysis shared by our research analyst, the global egg donation market is estimated to grow annually at a CAGR of around 10.20% over the forecast period (2025-2034). In terms of revenue, the global egg donation market size was valued at around USD 523.26 million in 2024 and is projected to reach USD 1,382.08 million by 2034.



The egg donation market is projected to grow significantly due to the rising infertility rates, increasing awareness about reproductive options, and growing acceptance of third-party reproduction services.

Based on service type, fresh egg donation leads the segment and is expected to continue dominating the global market.

Based on the application, in vitro fertilization is expected to lead the market.

Based on the distribution channel, fertility clinics are anticipated to command the largest market share.

Based on end-users, women above 35 are expected to lead the market during the forecast period.

Based on region, North America is projected to lead the global market during the forecast period.



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Key Market Drivers

Rising Infertility Rates

Lifestyle changes, obesity, stress, and medical conditions like PCOS are leading to higher infertility cases globally.

According to WHO, around 1 in 6 couples face infertility, boosting demand for ART solutions such as egg donation.

Delayed Pregnancies & Maternal Ageing

Women are increasingly prioritizing careers and education, leading to later pregnancies. Advanced maternal age reduces natural fertility, increasing reliance on donor eggs.

Advancements in ART Technologies

Improved IVF techniques, cryopreservation (egg freezing), and genetic screening are enhancing success rates.

Non-invasive genetic testing is making donor selection more reliable.

Legalization & Awareness

More countries are legalizing and regulating egg donation procedures.

Awareness campaigns by fertility clinics and health organizations are increasing acceptance.

Medical Tourism

Affordable fertility treatments in countries like India, Thailand, Greece, and Mexico attract international patients.

High-quality healthcare infrastructure in these regions supports growth.

Market Challenges

High Cost of Procedures – Egg donation cycles can be expensive, limiting access in middle- and low-income populations.

Ethical & Legal Concerns – Regulations around donor anonymity, compensation, and cross-border donation vary widely.

Emotional & Psychological Factors – Egg donation can involve complex emotional and social considerations for donors and recipients.

Health Risks to Donors – Ovarian hyperstimulation and hormonal treatments pose medical risks.

Market Segmentation

By Type

Fresh Egg Donation – Higher success rates but more complex coordination.

Frozen Egg Donation – Growing rapidly due to convenience, availability, and cost-effectiveness.

By End-User

Fertility Clinics & IVF Centers (dominant segment)

Hospitals

Research Institutes

By Service Type

Donor Recruitment & Screening

Egg Retrieval & Cryopreservation

Fertilization & Embryo Transfer

Legal & Counseling Services

Regional Insights

North America

Largest market due to high infertility rates, advanced ART infrastructure, and favorable insurance coverage in some states.

The U.S. dominates with strong presence of fertility clinics and egg banks.

Europe

Strong growth due to favorable regulations in countries like Spain, UK, and Czech Republic, which are popular for fertility tourism.

Spain is one of the leading egg donation hubs in Europe.

Asia-Pacific

Fastest-growing region driven by large infertile population, affordability, and rising awareness. India, Thailand, and Japan are emerging as key fertility destinations.

Latin America

Growing demand with countries like Mexico and Brazil becoming hubs for affordable fertility treatments.

Middle East & Africa

Increasing adoption in countries like UAE, South Africa, and Israel. Religious and cultural factors still influence acceptance levels.

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Competitive Landscape

The market is moderately fragmented, with fertility clinics, hospitals, and specialized ART providers dominating. Leading players are focusing on partnerships, cross-border fertility services, and advanced donor screening technologies.

Key players include:

Boston IVF

CCRM (Colorado Center for Reproductive Medicine)

IVIRMA Global

Fertility Centers of Illinois

Reproductive Medicine Associates (RMA Network)

The Donor Solution

Cryos International

Ovation Fertility

Monash IVF Group

Genea Biomedx

Future Outlook (2025–2034)

The global egg donation market is expected to witness strong growth due to increasing infertility prevalence, wider legal acceptance, and improvements in IVF success rates. By 2034, the market will exceed USD 1.38 billion, with frozen egg donation and cross-border fertility services contributing significantly to expansion.

Technological innovations such as AI in embryo selection, advanced genetic testing, and egg vitrification will continue to improve treatment outcomes, while rising awareness and medical

tourism will make procedures more accessible worldwide.

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Deepak Rupnar
Zion Market Research

+1 855-465-4651

richard@zionmarketresearch.com

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