

Global Mammography Market Size Study, by Product (Film Screen, Digital, Analog, 3D), by Technology (Breast Tomosynthesis, CAD, Digital), by End Use (Hospitals, Specialty Clinics, Diagnosis Centers), and Regional Forecasts 2022-2032

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Abstracts

The global Mammography Market is valued at approximately USD 2.33 billion in 2023 and is projected to grow at a CAGR of 10.5% from 2024 to 2032. The rising prevalence of breast cancer, along with an increasing focus on early-stage diagnosis, has driven the demand for advanced mammography screening solutions worldwide. With breast cancer cases steadily increasing, especially among older women, the need for improved imaging and diagnostic tools has never been greater. Technological advancements, such as 3D mammography (Digital Breast Tomosynthesis - DBT), Artificial Intelligence (AI)-assisted mammography, and computer-aided detection (CAD), have significantly enhanced detection accuracy, minimizing false positives and improving treatment outcomes.

The mammography industry has witnessed significant innovation, particularly in the transition from traditional 2D mammography to advanced 3D imaging techniques. 3D mammography allows radiologists to analyze breast tissue with greater clarity, reducing misdiagnoses and enhancing early detection rates. Additionally, the integration of AI into imaging systems is revolutionizing diagnostic accuracy, enabling early tumor detection while streamlining workflow efficiency in radiology departments. Major industry players, including GE HealthCare, Hologic, and Siemens Healthineers, are actively investing in next-generation mammography solutions, ensuring wider adoption across hospitals and diagnostic centers.

Governments and healthcare organizations worldwide are launching awareness

campaigns to promote breast cancer screening, particularly among high-risk populations. The expansion of government-backed screening programs and public-private partnerships has improved access to mammography systems, particularly in developing economies. For instance, initiatives by nonprofit organizations to deploy mobile 3D mammography units in underserved regions are making cancer detection more accessible to broader populations.

From a regional perspective, North America currently dominates the market, accounting for a 35.48% revenue share in 2023, driven by high breast cancer incidence rates, advanced healthcare infrastructure, and favorable reimbursement policies. The Asia Pacific region is expected to experience the fastest CAGR during the forecast period due to rising healthcare investments, increasing awareness regarding early breast cancer detection, and expanding adoption of advanced mammography solutions in countries like China, India, and Japan.

Major market players included in this report are:

Hologic, Inc.

Analogic Corporation

CANON MEDICAL SYSTEMS CORPORATION

FUJIFILM Corporation

Siemens Healthcare Private Limited

Toshiba

GE HealthCare

Metaltronica S.p.A

Koninklijke Philips N.V.

Planmed Oy

Delphinus Medical Technologies, Inc.

Carestream Health

IMS Giotto

Agfa-Gevaert Group

Thermo Fisher Scientific, Inc.

The detailed segments and sub-segments of the market are explained below:

By Product

Film Screen Systems

Digital Systems

Analog Systems

3D Systems

By Technology

Breast Tomosynthesis

CAD Mammography

Digital Mammography

By End Use

Hospitals

Specialty Clinics

Diagnosis Centers

Others

By Region:

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Spain

Sweden

Denmark

Norway

Asia Pacific

Japan

China

India

Australia

South Korea

Thailand

Latin America

Brazil

Argentina

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level insights.

Competitive landscape with in-depth company profiling of major industry players.

Analysis of key business strategies and recommendations on future market approaches.

Evaluation of competitive structure and market dynamics.

Demand-side and supply-side analysis.

Contents

CHAPTER 1. GLOBAL MAMMOGRAPHY MARKET EXECUTIVE SUMMARY

- 1.1. Global Mammography Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Product
 - 1.3.2. By Technology
 - 1.3.3. By End Use
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL MAMMOGRAPHY MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL MAMMOGRAPHY MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Rising Prevalence of Breast Cancer
- 3.1.2. Increasing Awareness and Government Screening Programs
- 3.1.3. Technological Advancements in Mammography

3.2. Market Challenges

- 3.2.1. High Cost of Advanced Mammography Equipment
- 3.2.2. Limited Access to Mammography in Rural Areas

3.3. Market Opportunities

- 3.3.1. Growing Adoption of AI-Based Mammography Solutions
- 3.3.2. Expansion of Mobile Mammography Units
- 3.3.3. Increasing Investments in Healthcare Infrastructure

CHAPTER 4. GLOBAL MAMMOGRAPHY MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top Investment Opportunities

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL MAMMOGRAPHY MARKET SIZE & FORECASTS BY PRODUCT 2022-2032

5.1. Segment Dashboard

5.2. Global Mammography Market: Product Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 5.2.1. Film Screen Systems
- 5.2.2. Digital Systems
- 5.2.3. Analog Systems
- 5.2.4. 3D Systems

CHAPTER 6. GLOBAL MAMMOGRAPHY MARKET SIZE & FORECASTS BY TECHNOLOGY 2022-2032

6.1. Segment Dashboard

6.2. Global Mammography Market: Technology Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 6.2.1. Breast Tomosynthesis
- 6.2.2. CAD Mammography
- 6.2.3. Digital Mammography

CHAPTER 7. GLOBAL MAMMOGRAPHY MARKET SIZE & FORECASTS BY END USE 2022-2032

7.1. Segment Dashboard

7.2. Global Mammography Market: End Use Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 7.2.1. Hospitals
- 7.2.2. Specialty Clinics
- 7.2.3. Diagnosis Centers
- 7.2.4. Others

CHAPTER 8. GLOBAL MAMMOGRAPHY MARKET SIZE & FORECASTS BY REGION 2022-2032

8.1. North America Mammography Market

- 8.1.1. U.S. Mammography Market
 - 8.1.1.1. Product Breakdown Size & Forecasts, 2022-2032
 - 8.1.1.2. Technology Breakdown Size & Forecasts, 2022-2032
- 8.1.2. Canada Mammography Market
- 8.1.3. Mexico Mammography Market

8.2. Europe Mammography Market

- 8.2.1. UK Mammography Market

- 8.2.2. Germany Mammography Market
- 8.2.3. France Mammography Market
- 8.2.4. Italy Mammography Market
- 8.2.5. Spain Mammography Market
- 8.2.6. Sweden Mammography Market
- 8.2.7. Denmark Mammography Market
- 8.2.8. Norway Mammography Market
- 8.3. Asia Pacific Mammography Market
 - 8.3.1. Japan Mammography Market
 - 8.3.2. China Mammography Market
 - 8.3.3. India Mammography Market
 - 8.3.4. Australia Mammography Market
 - 8.3.5. South Korea Mammography Market
 - 8.3.6. Thailand Mammography Market
- 8.4. Latin America Mammography Market
 - 8.4.1. Brazil Mammography Market
 - 8.4.2. Argentina Mammography Market
- 8.5. Middle East & Africa Mammography Market
 - 8.5.1. South Africa Mammography Market
 - 8.5.2. Saudi Arabia Mammography Market
 - 8.5.3. UAE Mammography Market
 - 8.5.4. Kuwait Mammography Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Hologic, Inc.
 - 9.1.2. GE HealthCare
 - 9.1.3. Siemens Healthcare Private Limited
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. CANON MEDICAL SYSTEMS CORPORATION
 - 9.3.2. FUJIFILM Corporation
 - 9.3.3. Toshiba
 - 9.3.4. Metaltronica S.p.A
 - 9.3.5. Koninklijke Philips N.V.
 - 9.3.6. Planmed Oy

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1: Global Mammography Market, Report Scope

TABLE 2: Global Mammography Market Estimates & Forecasts by Region 2022-2032
(USD Billion)

TABLE 3: Global Mammography Market Estimates & Forecasts by Product 2022-2032
(USD Billion)

TABLE 4: Global Mammography Market Estimates & Forecasts by Technology
2022-2032 (USD Billion)

TABLE 5: U.S. Mammography Market Estimates & Forecasts, 2022-2032 (USD Billion)
(This list is not complete; the final report contains more than 100 tables.)

List Of Figures

LIST OF FIGURES

FIG 1: Global Mammography Market, Research Methodology

FIG 2: Global Mammography Market, Market Estimation Techniques

FIG 3: Global Market Size Estimates & Forecast Methods

FIG 4: Global Mammography Market, Key Trends 2023

(This list is not complete; the final report contains more than 50 figures.)

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