

South Korea Medical Imaging Market Size, Share, Trends and Forecast by Product, Application, End User, and Region, 2026-2034

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Abstracts

The South Korea medical imaging market size reached USD 890.5 Million in 2025. The market is projected to reach USD 1,375.5 Million by 2034, exhibiting a growth rate (CAGR) of 4.80% during 2026-2034. With an increasing number of individuals facing chronic conditions like cancer, heart diseases, diabetes, and neurological issues, the need for precise and timely diagnosis is rising. Besides this, the ongoing incorporation of artificial intelligence (AI), which aids in enhancing the speed and effectiveness of diagnostic processes, is contributing to the expansion of the South Korea medical imaging market share.

SOUTH KOREA MEDICAL IMAGING MARKET TRENDS:

Growing incidence of chronic conditions

Rising incidence of chronic conditions is positively influencing the market in South Korea. As more people in the country are suffering from long-term illnesses, such as cancer, cardiovascular diseases, diabetes, and neurological disorders, the demand for accurate and early diagnosis continues to grow. As per the NIH, 292,221 new cancer diagnoses and 83,770 cancer fatalities were anticipated in South Korea in 2024. Medical imaging technologies like magnetic resonance imaging (MRI), X-rays, and ultrasound play a vital role in detecting these diseases at early stages, enabling timely treatment and better health outcomes. In South Korea, lifestyle changes, aging population, and environmental factors are contributing to the increasing number of chronic disease cases, leading hospitals and clinics to invest more in advanced imaging equipment. These technologies help doctors monitor disease progression, plan treatments, and evaluate their effectiveness. Patients and healthcare providers rely

heavily on imaging for routine check-ups and follow-ups, making it an essential part of chronic disease management. Additionally, public awareness about preventive healthcare is rising, encouraging people to undergo regular screening. The government and private sectors are also supporting the development and installation of modern diagnostic tools, ensuring wider access across the country. As chronic diseases are becoming more common, the need for precise, non-invasive diagnostic solutions continues to expand, supporting the South Korea medical imaging market growth.

Increasing AI usage

Rising AI integration is offering a favorable market outlook. As per the IMARC group, the South Korea AI market size was valued at USD 3.12 Billion in 2024. With AI-based tools, radiologists can quickly analyze large volumes of medical images, such as X-rays and MRIs, helping them detect abnormalities like tumors, fractures, and infections more accurately. AI aids in reducing human error and supporting early diagnosis, which is crucial for treating serious conditions, such as cancer and stroke. In South Korea, where healthcare technology adoption is strong, hospitals and clinics are using AI to support clinical decisions and refine patient outcomes. AI also helps streamline workflows by automating routine tasks like image sorting, comparison, and report generation, allowing doctors to focus more on patient care. Additionally, AI algorithms continue to improve over time through machine learning (ML), becoming even more precise in recognizing complex patterns. The integration of AI is also making imaging services faster and more accessible, especially in busy and understaffed medical facilities.

SOUTH KOREA MEDICAL IMAGING MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for ?2026-2034?. Our report has categorized the market based on product, application, and end user.

Product Insights:

CT Scanners

X-Ray Imaging Systems

MRI Systems

Ultrasound Imaging Systems

Nuclear Imaging Systems

Mammography Systems

The report has provided a detailed breakup and analysis of the market based on the product. This includes CT scanners, X-ray imaging systems, MRI systems, ultrasound imaging systems, nuclear imaging systems, and mammography systems.

Application Insights:

Obstetrics and Gynecology Health

Orthopedics and Musculoskeletal

Neuro and Spine

Cardiovascular and Thoracic

General Imaging

Breast Health

Others

A detailed breakup and analysis of the market based on the application have also been provided in the report. This includes obstetrics and gynecology health, orthopedics and musculoskeletal, neuro and spine, cardiovascular and thoracic, general imaging, breast health, and others.

End User Insights:

Hospitals

Diagnostic Centers

Academic Institutes and Research Organizations

The report has provided a detailed breakup and analysis of the market based on the end user. This includes hospitals, diagnostic centers, and academic institutes and research organizations.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea medical imaging market performed so far and how will it perform in the coming years?

What is the breakup of the South Korea medical imaging market on the basis of product?

What is the breakup of the South Korea medical imaging market on the basis of application?

What is the breakup of the South Korea medical imaging market on the basis of end

user?

What is the breakup of the South Korea medical imaging market on the basis of region?

What are the various stages in the value chain of the South Korea medical imaging market?

What are the key driving factors and challenges in the South Korea medical imaging market?

What is the structure of the South Korea medical imaging market and who are the key players?

What is the degree of competition in the South Korea medical imaging market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 SOUTH KOREA MEDICAL IMAGING MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 SOUTH KOREA MEDICAL IMAGING MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (?2020-2025?)
- 5.2 Market Forecast (?2026-2034?)

6 SOUTH KOREA MEDICAL IMAGING MARKET - BREAKUP BY PRODUCT

- 6.1 CT Scanners
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (?2020-2025?)
 - 6.1.3 Market Forecast (?2026-2034?)
- 6.2 X-Ray Imaging Systems
 - 6.2.1 Overview
 - 6.2.2 Historical and Current Market Trends (?2020-2025?)

- 6.2.3 Market Forecast (?2026-2034?)
- 6.3 MRI Systems
 - 6.3.1 Overview
 - 6.3.2 Historical and Current Market Trends (?2020-2025?)
 - 6.3.3 Market Forecast (?2026-2034?)
- 6.4 Ultrasound Imaging Systems
 - 6.4.1 Overview
 - 6.4.2 Historical and Current Market Trends (?2020-2025?)
 - 6.4.3 Market Forecast (?2026-2034?)
- 6.5 Nuclear Imaging Systems
 - 6.5.1 Overview
 - 6.5.2 Historical and Current Market Trends (?2020-2025?)
 - 6.5.3 Market Forecast (?2026-2034?)
- 6.6 Mammography Systems
 - 6.6.1 Overview
 - 6.6.2 Historical and Current Market Trends (?2020-2025?)
 - 6.6.3 Market Forecast (?2026-2034?)

7 SOUTH KOREA MEDICAL IMAGING MARKET - BREAKUP BY APPLICATION

- 7.1 Obstetrics and Gynecology Health
 - 7.1.1 Overview
 - 7.1.2 Historical and Current Market Trends (?2020-2025?)
 - 7.1.3 Market Forecast (?2026-2034?)
- 7.2 Orthopedics and Musculoskeletal
 - 7.2.1 Overview
 - 7.2.2 Historical and Current Market Trends (?2020-2025?)
 - 7.2.3 Market Forecast (?2026-2034?)
- 7.3 Neuro and Spine
 - 7.3.1 Overview
 - 7.3.2 Historical and Current Market Trends (?2020-2025?)
 - 7.3.3 Market Forecast (?2026-2034?)
- 7.4 Cardiovascular and Thoracic
 - 7.4.1 Overview
 - 7.4.2 Historical and Current Market Trends (?2020-2025?)
 - 7.4.3 Market Forecast (?2026-2034?)
- 7.5 General Imaging
 - 7.5.1 Overview
 - 7.5.2 Historical and Current Market Trends (?2020-2025?)

7.5.3 Market Forecast (?2026-2034?)

7.6 Breast Health

7.6.1 Overview

7.6.2 Historical and Current Market Trends (?2020-2025?)

7.6.3 Market Forecast (?2026-2034?)

7.7 Others

7.7.1 Historical and Current Market Trends (?2020-2025?)

7.7.2 Market Forecast (?2026-2034?)

8 SOUTH KOREA MEDICAL IMAGING MARKET - BREAKUP BY END USER

8.1 Hospitals

8.1.1 Overview

8.1.2 Historical and Current Market Trends (?2020-2025?)

8.1.3 Market Forecast (?2026-2034?)

8.2 Diagnostic Centers

8.2.1 Overview

8.2.2 Historical and Current Market Trends (?2020-2025?)

8.2.3 Market Forecast (?2026-2034?)

8.3 Academic Institutes and Research Organizations

8.3.1 Overview

8.3.2 Historical and Current Market Trends (?2020-2025?)

8.3.3 Market Forecast (?2026-2034?)

9 SOUTH KOREA MEDICAL IMAGING MARKET – BREAKUP BY REGION

9.1 Seoul Capital Area

9.1.1 Overview

9.1.2 Historical and Current Market Trends (?2020-2025?)

9.1.3 Market Breakup by Product

9.1.4 Market Breakup by Application

9.1.5 Market Breakup by End User

9.1.6 Key Players

9.1.7 Market Forecast (?2026-2034?)

9.2 Yeongnam (Southeastern Region)

9.2.1 Overview

9.2.2 Historical and Current Market Trends (?2020-2025?)

9.2.3 Market Breakup by Product

9.2.4 Market Breakup by Application

- 9.2.5 Market Breakup by End User
- 9.2.6 Key Players
- 9.2.7 Market Forecast (?2026-2034?)
- 9.3 Honam (Southwestern Region)
 - 9.3.1 Overview
 - 9.3.2 Historical and Current Market Trends (?2020-2025?)
 - 9.3.3 Market Breakup by Product
 - 9.3.4 Market Breakup by Application
 - 9.3.5 Market Breakup by End User
 - 9.3.6 Key Players
 - 9.3.7 Market Forecast (?2026-2034?)
- 9.4 Hoseo (Central Region)
 - 9.4.1 Overview
 - 9.4.2 Historical and Current Market Trends (?2020-2025?)
 - 9.4.3 Market Breakup by Product
 - 9.4.4 Market Breakup by Application
 - 9.4.5 Market Breakup by End User
 - 9.4.6 Key Players
 - 9.4.7 Market Forecast (?2026-2034?)
- 9.5 Others
 - 9.5.1 Historical and Current Market Trends (?2020-2025?)
 - 9.5.2 Market Forecast (?2026-2034?)

10 SOUTH KOREA MEDICAL IMAGING MARKET – COMPETITIVE LANDSCAPE

- 10.1 Overview
- 10.2 Market Structure
- 10.3 Market Player Positioning
- 10.4 Top Winning Strategies
- 10.5 Competitive Dashboard
- 10.6 Company Evaluation Quadrant

11 PROFILES OF KEY PLAYERS

- 11.1 Company A
 - 11.1.1 Business Overview
 - 11.1.2 Products Offered
 - 11.1.3 Business Strategies
 - 11.1.4 SWOT Analysis

- 11.1.5 Major News and Events
- 11.2 Company B
 - 11.2.1 Business Overview
 - 11.2.2 Products Offered
 - 11.2.3 Business Strategies
 - 11.2.4 SWOT Analysis
 - 11.2.5 Major News and Events
- 11.3 Company C
 - 11.3.1 Business Overview
 - 11.3.2 Products Offered
 - 11.3.3 Business Strategies
 - 11.3.4 SWOT Analysis
 - 11.3.5 Major News and Events
- 11.4 Company D
 - 11.4.1 Business Overview
 - 11.4.2 Products Offered
 - 11.4.3 Business Strategies
 - 11.4.4 SWOT Analysis
 - 11.4.5 Major News and Events
- 11.5 Company E
 - 11.5.1 Business Overview
 - 11.5.2 Products Offered
 - 11.5.3 Business Strategies
 - 11.5.4 SWOT Analysis
 - 11.5.5 Major News and Events

12 SOUTH KOREA MEDICAL IMAGING MARKET - INDUSTRY ANALYSIS

- 12.1 Drivers, Restraints, and Opportunities
 - 12.1.1 Overview
 - 12.1.2 Drivers
 - 12.1.3 Restraints
 - 12.1.4 Opportunities
- 12.2 Porters Five Forces Analysis
 - 12.2.1 Overview
 - 12.2.2 Bargaining Power of Buyers
 - 12.2.3 Bargaining Power of Suppliers
 - 12.2.4 Degree of Competition
 - 12.2.5 Threat of New Entrants

12.2.6 Threat of Substitutes
12.3 Value Chain Analysis

13 APPENDIX

I would like to order

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