

# **Nuclear Medicine Market Size, Trends, Analysis, and Outlook By Product (SPECT Diagnostic Products, PET Diagnostic Products, Therapeutic Products, Alpha Emitters, Beta Emitters, Brachytherapy), By Application (Cardiology, Neurology, Oncology, Thyroid, Lymphoma, Bone Metastasis, Endocrine Tumor, Others), By End-User (Hospitals & Clinics, Diagnostic Centers, Others), by Country, Segment, and Companies, 2024-2032**

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## **Abstracts**

The global Nuclear Medicine market size is poised to register 12.4% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Nuclear Medicine market across By Product (SPECT Diagnostic Products, PET Diagnostic Products, Therapeutic Products, Alpha Emitters, Beta Emitters, Brachytherapy), By Application (Cardiology, Neurology, Oncology, Thyroid, Lymphoma, Bone Metastasis, Endocrine Tumor, Others), By End-User (Hospitals & Clinics, Diagnostic Centers, Others)

The future of the nuclear medicine market is influenced by advancements in radiopharmaceuticals, increasing prevalence of cancer and cardiovascular diseases, and growing demand for molecular imaging techniques. Nuclear medicine utilizes radioactive tracers to visualize and diagnose various medical conditions, including cancer, heart disease, and neurological disorders. With the rise of precision medicine and personalized imaging, there is a growing interest in nuclear medicine for targeted therapy planning, treatment monitoring, and patient stratification. Further, technological innovations such as PET-CT, SPECT-CT, and theranostic agents are driving the

development of next-generation nuclear imaging modalities with improved sensitivity, specificity, and spatial resolution. Over the forecast period to 2030, expanding applications in oncology, cardiology, and neurology, coupled with increasing investments in radiopharmaceutical research and regulatory approvals for novel imaging agents, are expected to drive market growth and innovation, enabling healthcare providers to deliver more accurate diagnoses and personalized treatment strategies.

## Nuclear Medicine Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Nuclear Medicine market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Nuclear Medicine survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Nuclear Medicine industry.

## Key market trends defining the global Nuclear Medicine demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## Nuclear Medicine Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Nuclear Medicine industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Nuclear Medicine companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Nuclear Medicine industry

Leading Nuclear Medicine companies are boosting investments to capitalize on

untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Nuclear Medicine companies.

### Nuclear Medicine Market Study- Strategic Analysis Review

The Nuclear Medicine market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### Nuclear Medicine Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Nuclear Medicine industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

### Nuclear Medicine Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

North America Nuclear Medicine Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Nuclear Medicine market segments. Similarly, Strong market demand is encouraging Canadian Nuclear Medicine companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Nuclear Medicine market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Nuclear Medicine Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Nuclear Medicine industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Nuclear Medicine market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Nuclear Medicine Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Nuclear Medicine in Asia Pacific. In particular, China, India, and South East Asian Nuclear Medicine markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America Nuclear Medicine Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Nuclear Medicine Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Nuclear Medicine market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Nuclear Medicine.

Nuclear Medicine Market Company Profiles

The global Nuclear Medicine market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Bayer AG, Bracco Imaging S.p.A., Cardinal Health Inc, Curium Pharma, Eckert & Ziegler Group, Eczacibasi-Monrol Nuclear Products, GE Healthcare, Isotope JSC, Jubilant DraxImage Inc, Lantheus Holdings Inc, Nordion Inc, NorthStar Medical Radioisotopes LLC, NTP Radioisotopes SOC Ltd, PharmaLogic Holdings Corp, Siemens Healthineers AG.

Recent Nuclear Medicine Market Developments

The global Nuclear Medicine market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Nuclear Medicine Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

By Product

SPECT Diagnostic Products

-TC-99m

-TL-201

-GA-67

-I-123

-Others

PET Diagnostic Products

-F-18

-SR-82/RB-82

-Others

Therapeutic Products

Alpha Emitters

Beta Emitters

Brachytherapy

By Application

Cardiology

Neurology

Oncology

Thyroid

Lymphoma

Bone Metastasis

Endocrine Tumor

Others

By End-User

Hospitals & Clinics

Diagnostic Centers

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Bayer AG

Bracco Imaging S.p.A.

Cardinal Health Inc

Curium Pharma

Eckert & Ziegler Group

Eczacibasi-Monrol Nuclear Products

GE Healthcare

Isotope JSC

Jubilant DraxImage Inc

Lantheus Holdings Inc

Nordion Inc



NorthStar Medical Radioisotopes LLC

NTP Radioisotopes SOC Ltd

PharmaLogic Holdings Corp

Siemens Healthineers AG

Formats Available: Excel, PDF, and PPT

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      - TL-201

-GA-67

-I-123

-Others

PET Diagnostic Products

-F-18

-SR-82/RB-82

-Others

Therapeutic Products

Alpha Emitters

Beta Emitters

Brachytherapy

By Application

Cardiology

Neurology

Oncology

Thyroid

Lymphoma

Bone Metastasis

Endocrine Tumor

Others

By End-User

Hospitals & Clinics

Diagnostic Centers

Others

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Bracco Imaging S.p.A.

Cardinal Health Inc

Curium Pharma

Eckert & Ziegler Group

Eczacibasi-Monrol Nuclear Products

GE Healthcare

Isotope JSC

Jubilant DraxImage Inc

Lantheus Holdings Inc

Nordion Inc

NorthStar Medical Radioisotopes LLC

NTP Radioisotopes SOC Ltd

PharmaLogic Holdings Corp

Siemens Healthineers AG.

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