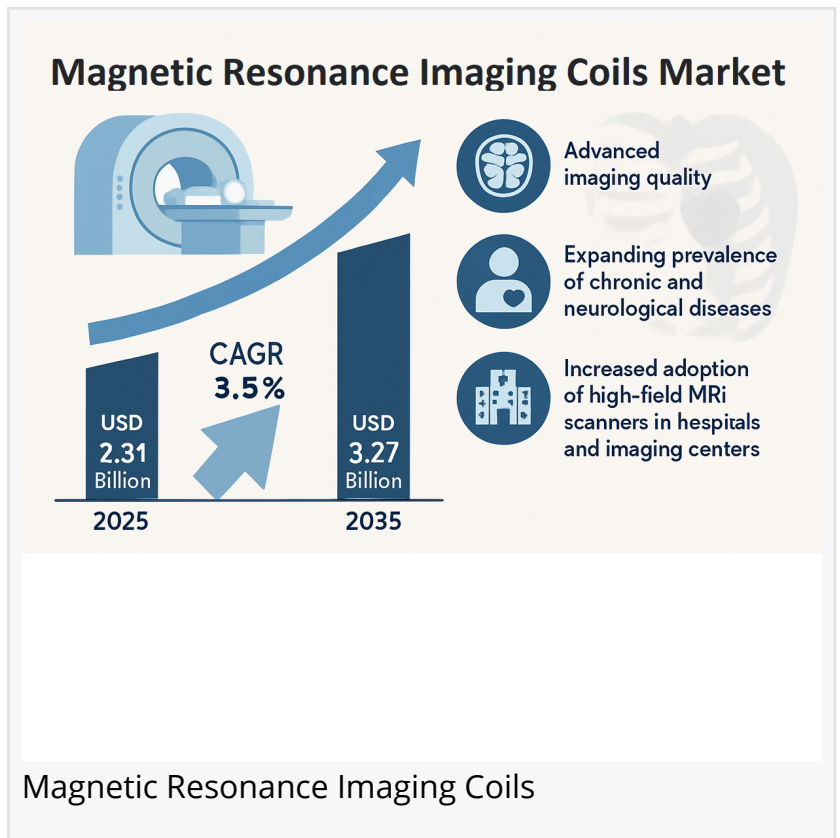


# Magnetic Resonance Imaging Coils Market Size, Share, and Forecast 2025 to 2035

*MRI Coils Market to Reach \$3.27B by 2035, Driven by Imaging Demand and Chronic Disease Rise*

NEW YORK, DE, UNITED STATES, June 18, 2025 /EINPresswire.com/ -- The global MRI coils market is projected to grow from an estimated USD 2.31 billion in 2025 to USD 3.27 billion by 2035, reflecting a CAGR of 3.5%. Growth will be driven by rising demand for advanced imaging quality, expanding prevalence of chronic and neurological diseases, and increased adoption of high-field MRI scanners in hospitals and imaging centers.



The magnetic resonance imaging coils market is a vital segment of the diagnostic imaging industry. MRI coils enhance image quality by transmitting and receiving radiofrequency signals during scans. Designed for various body parts—like the brain, spine, or joints—these coils ensure accurate diagnoses.

The magnetic resonance imaging coils market is expanding steadily due to the rise in non-invasive diagnostic procedures. Healthcare providers across hospitals and diagnostic centers are increasingly investing in advanced MRI coils to boost accuracy, reduce scan times, and improve patient outcomes. The growing incidence of neurological and musculoskeletal disorders is also a key driver.

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Market Trends

- Adoption of High-Field MRI Systems

The demand for high-field and ultra-high-field MRI systems is boosting the need for advanced coils that enhance image clarity and diagnostic accuracy.



The magnetic resonance imaging coils market is evolving rapidly, driven by innovation, rising demand for precision diagnostics, and expanding global healthcare needs.”

*Sabyasachi Ghosh*

- Development of Flexible Coil Technology

There is a growing trend toward lightweight, flexible coils that provide improved comfort for patients, especially in pediatric and orthopedic imaging.

- AI-Powered Imaging Integration

Artificial intelligence is being integrated into MRI workflows, and coils are evolving to support AI-compatible imaging systems that increase productivity.

- Customized Coils for Specialized Needs

The market is seeing more demand for coils tailored to specific applications such as oncology, cardiology, and veterinary imaging.

### Driving Forces Behind Market Growth

- Increasing Chronic Disease Burden

Rising cases of cancer, spinal injuries, and neurological disorders are fueling the magnetic resonance imaging coils market as MRI becomes a frontline diagnostic tool.

- Continuous Technological Innovation

Improvements in coil technology, including multi-channel arrays and higher signal-to-noise ratios, are making scans more efficient and reliable.

- Healthcare Infrastructure Expansion

In developing economies, improved healthcare infrastructure and increased investment in imaging equipment are supporting market growth.

- Rising Preventive Healthcare Awareness

The global shift toward preventive care is encouraging more frequent and early-stage diagnostic imaging, benefiting the magnetic resonance imaging coils market.

### Challenges and Opportunities

- High Cost of MRI Systems and Coils

The expensive nature of MRI equipment and coils can be a barrier to adoption, especially in smaller or underfunded healthcare facilities.

- Shortage of Skilled Professionals

The lack of trained technicians to handle complex MRI systems and coils poses a challenge in both developed and emerging markets.

- Emerging Market Potential

Developing regions represent growth opportunities as healthcare access improves and diagnostic demand increases.

- Innovation and Strategic Partnerships

Collaborations between imaging technology firms and healthcare providers offer opportunities for breakthrough coil innovations and broader market access.

## Recent Industry Developments

- Launch of Advanced Coil Arrays

Companies are introducing next-generation multi-channel coil systems that deliver superior image resolution and faster scan times.

- Collaborations in R&D

Key players are teaming up with hospitals and research centers to refine coil performance and validate clinical benefits.

- Sustainable Manufacturing Practices

Manufacturers are adopting eco-friendly production methods and exploring recyclable materials in response to environmental concerns.

- Regulatory Approvals and Certifications

Gaining regulatory clearances like FDA and CE approval helps companies expand their presence in global markets.

## Regional Analysis

- North America

A mature healthcare system and early adoption of imaging innovations position North America as the leading region in the magnetic resonance imaging coils market.

- Europe

Government-funded health programs and a strong manufacturing base support steady growth across the region.

- Asia-Pacific

Rapid urbanization, rising healthcare budgets, and a growing aging population are accelerating demand in countries like China, India, and Japan.

- Latin America and Middle East & Africa

These emerging markets are showing increasing interest in diagnostic imaging, although

challenges in infrastructure and affordability persist.

## Competitive Outlook

The magnetic resonance imaging coils market is highly competitive, with global players focusing on innovation, product quality, and after-sales support. To stay ahead, companies are investing in R&D, launching customizable coil solutions, and forming alliances with academic institutions and imaging centers.

As the demand for efficient and high-performance MRI technology rises, competition will intensify, especially in the mid- and low-tier segments in emerging regions.

## Top Companies

- GE HealthCare
- Siemens Healthineers
- Koninklijke Philips N.V.
- Canon Medical Systems Corporation
- Esaote SpA
- Hitachi Medical Systems
- MR Instruments Inc.
- RAPID Biomedical GmbH

These companies lead the magnetic resonance imaging coils market through product innovation, global reach, and a diverse range of specialized coil systems.

Explore In-Depth Analysis-Click Here to Access the Report:-

<https://www.futuremarketinsights.com/reports/magnetic-resonance-imaging-coils-market>

## Segmentation Outlook

- By Type
  - o Radiofrequency coils
  - o Gradient coils
  - o Surface coils
  - o Volume coils
- By Application
  - o Neurology
  - o Cardiovascular
  - o Oncology
  - o Musculoskeletal
  - o Pediatrics
- By End User

- o Hospitals
- o Diagnostic imaging centers
- o Academic and research institutions

- By Coil Design

- o Fixed coils
- o Flexible coils
- o Array coils

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