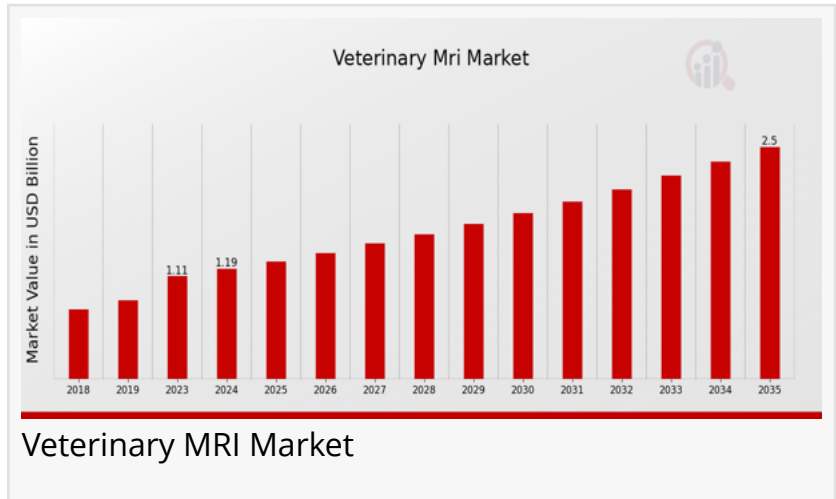


Veterinary MRI Market Set to Reach USD 2.5 Billion, with a Healthy 6.98% CAGR Till Forecasts 2035

Technological advancements are playing a critical role in shaping the veterinary MRI landscape.

US, NY, UNITED STATES, April 15, 2025
/EINPresswire.com/ -- Veterinary MRI Market: Advancing Diagnostic Precision in Animal Health

Understanding the Rise of Veterinary MRI



The [Veterinary MRI Market size](#) has gained significant traction in recent years, primarily driven by growing awareness of animal health, increased pet ownership, and advances in veterinary diagnostic technologies. Magnetic Resonance Imaging (MRI), long established in human healthcare, is now widely adopted in veterinary practices for its ability to provide high-resolution, non-invasive images of soft tissues, organs, and the nervous system in animals. MRI is becoming a critical diagnostic tool in both companion animal and livestock medicine, offering veterinarians unparalleled clarity for detecting internal abnormalities, orthopaedic issues, and neurological disorders.

Unlike conventional imaging techniques like X-rays and CT scans, MRI does not involve ionizing radiation, making it a safer and more effective diagnostic method, particularly for long-term and chronic conditions. The increasing focus on animal welfare and precise treatment options has led to more veterinary clinics and hospitals incorporating advanced imaging services, thereby boosting the demand for veterinary MRI systems globally.

Veterinary MRI Market Overview

As per MRFR analysis, the Veterinary MRI Market Size was estimated at 1.11 (USD Billion) in 2023. The Veterinary MRI Market Industry is expected to grow from 1.19(USD Billion) in 2024 to 2.5 (USD Billion) by 2035. The Veterinary MRI Market CAGR (growth rate) is expected to be around 6.98% during the forecast period (2025 - 2035).

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Drivers Behind Market Expansion

One of the most prominent drivers for market growth is the rise in companion animal adoption. Pets are increasingly seen as family members, and their healthcare needs are being prioritized by owners. This shift has led to more investments in comprehensive diagnostic procedures, including advanced imaging technologies. Additionally, the incidence of complex medical conditions such as epilepsy, cancer, intervertebral disc disease, and congenital abnormalities in animals has necessitated the use of MRI for early and accurate diagnosis.

Veterinary MRI systems are also finding increased utility in academic research institutions and specialty veterinary centers, where detailed anatomical visualization supports both clinical education and innovation in treatment protocols. The growing prevalence of chronic disorders among pets and livestock is further escalating the need for precision diagnostics.

Moreover, rising veterinary healthcare expenditure across developed economies is making MRI procedures more accessible. Governments and private veterinary service providers are investing in modern imaging equipment to improve clinical outcomes and offer premium services. This investment is helping to narrow the technology gap between human and animal healthcare systems.

Technological Progress and Product Innovations

Technological advancements are playing a critical role in shaping the veterinary MRI landscape. Manufacturers are introducing compact, high-field MRI systems that are tailored to suit the anatomy of different animal species, from cats and dogs to horses and exotic pets. Newer systems offer faster scan times, better resolution, and reduced noise levels, making the experience less stressful for animals and more efficient for veterinarians.

Another trend is the growing demand for open MRI systems, which are especially beneficial for scanning large animals such as horses. These systems also reduce the need for sedation or anesthesia, which can be risky in certain species. Portable and mobile MRI units are also entering the market, allowing imaging procedures to be performed in remote or rural locations with limited access to full-scale veterinary hospitals.

Additionally, integration with AI-driven diagnostic software is enabling automated image analysis and enhanced decision-making. These innovations not only improve diagnostic accuracy but also streamline workflows in veterinary practices, leading to better patient management.

Market Segmentation and Application Scope

The Veterinary MRI Market can be segmented by type, animal category, application, and end-user. By type, systems are divided into low-field and high-field MRI scanners. High-field MRI is gaining popularity due to its superior image quality and diagnostic capabilities. Based on animal type, the market serves companion animals (dogs, cats) and large animals (equines, bovines). Companion animals dominate this segment, owing to the growing urban pet population and increased spending on their health.

In terms of application, MRI is widely used for neurology, oncology, cardiology, and musculoskeletal imaging. Neurological imaging, in particular, represents a significant portion due to the rising cases of spinal and brain disorders in pets. The key end-users include veterinary hospitals, diagnostic imaging centers, research institutions, and academic veterinary schools.

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Regional Outlook and Emerging Trends

North America currently holds the largest share of the Veterinary MRI Market, driven by a strong veterinary infrastructure, high pet adoption rates, and substantial healthcare spending on pets. The U.S. has witnessed a surge in the number of veterinary specialists and advanced animal hospitals offering MRI services.

Europe follows closely, with countries like Germany, the UK, and France demonstrating widespread adoption of advanced veterinary diagnostics. Government support for animal health and welfare, coupled with active involvement of veterinary associations, is bolstering regional growth.

Asia-Pacific is emerging as a lucrative market due to increasing awareness of pet health, expanding veterinary care facilities, and a growing middle class. China, India, Japan, and Australia are expected to show significant growth over the coming years as the veterinary ecosystem evolves.

Challenges in the Veterinary MRI Ecosystem

Despite its promising trajectory, the Veterinary MRI Market faces some challenges. High installation and maintenance costs remain a barrier for small clinics and rural veterinary practices. Moreover, the shortage of trained veterinary radiologists capable of interpreting MRI scans is limiting the widespread use of these machines.

Animal size and behavioral unpredictability also pose hurdles in MRI procedures. Anesthesia is

often required to prevent movement during scanning, which can increase risk and operational complexity. Additionally, regulatory guidelines and lack of reimbursement in certain regions may hinder market expansion.

Leading Companies in the Veterinary MRI Market

Vet CT
GE Healthcare
Hitachi Medical Corporation
Fujifilm Holdings
Zoetis
DRE Veterinary
Esaote
Siemens Healthineers
Bionet America
PetVet Care Centers
Elekta
MRI Veterinary
Canon Medical Systems
Philips
Mindray

These companies are focusing on developing cost-effective and animal-specific MRI systems, expanding global distribution networks, and collaborating with veterinary institutions for product enhancement.

Veterinary MRI Market Segmentation Insights

Veterinary MRI Market Application Outlook

Orthopedic Imaging
Neurological Imaging
Oncology Imaging
Cardiovascular Imaging

Veterinary MRI Market Animal Type Outlook

Small Animals
Large Animals
Exotic Animals

Veterinary MRI Market Field Strength Outlook

Low Field MRI
Mid Field MRI
High Field MRI

Veterinary MRI Market End Use Outlook

Veterinary Clinics
Animal Hospitals
Research Institutions

Veterinary MRI Market Regional Outlook

North America
Europe
South America
Asia Pacific
Middle East and Africa

Key Inquiries Addressed in This Report:

What is driving the demand for MRI in veterinary diagnostics?

How are technological advancements influencing veterinary MRI systems?

Which animal categories are contributing the most to the market?

What are the emerging trends in mobile and AI-integrated MRI systems?

What challenges are limiting the wider adoption of veterinary MRI?

How do regional markets differ in veterinary MRI adoption?

Who are the key players leading the Veterinary MRI Market?

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