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Pet Microchips Market Size, Share and Growth Outlook 2026: By Product (Microchips, Scanners), By Component, By Technology, By Pet Type, By Frequency, By Application, By End-User, By Distribution Channel, Companies to 2034.

https://marketpublishers.com/r/P9D78D29734AEN.html
Date: July 2026
Pages: 190
Price: US$ 3,482.00 (Single User License)
ID: P9D78D29734AEN

Abstracts

The global Pet Microchips Market size is forecast to increase from $982.98 Million in 2026 to $2131.75 Million in 2034 at a CAGR of 10.16% between 2026 and 2034.

The Pet Microchips market report provides detailed analysis and outlook of Pet Microchips segments including By Product (Microchips, Scanners), By Component (RFID Chip and Implanter, Chip Reader), By Technology (Standard RFID, GPS-enabled/Advanced Tracking), By Pet Type (Dogs, Cats, Horses, Others), By Frequency (134.2 KHz, 125 KHz, 128 KHz, Universal/Multifrequency), By Application (Pet Identification, Disease Tracking and Vaccination Management, Theft Prevention), By End-User (Veterinary Hospitals/Clinics, Animal Shelters/Rescues, Breeders, Pet Owners), By Distribution Channel (Veterinary Hospitals/Clinics, Pet Stores/Retail, E-Commerce) across global and regional markets. Further, analysis and outlook across 21 countries in North America, Europe, Asia Pacific, Middle East, Africa, and South America are provided in the study.

Pet Microchip Industry Overview

Smart Identification Technologies Are Expanding the Role of Pet Microchips

The pet microchip industry is evolving from permanent animal identification toward intelligent veterinary technology platforms that support animal traceability, health monitoring, owner verification, and public safety initiatives. Governments, veterinary

organizations, and animal health companies are increasingly recognizing microchipping as an essential component of responsible animal ownership and population management. At the same time, manufacturers are enhancing traditional RFID-based identification by integrating digital registration systems, veterinary software connectivity, and physiological monitoring capabilities that extend the value of microchips beyond simple identification.

Government Programs Are Accelerating Microchip Adoption

A major industry trend is the expansion of mandatory microchipping programs as part of broader animal management and public health strategies. The Greater Chennai Corporation strengthened this movement by introducing mandatory microchipping for cattle using a framework based on established pet identification protocols. The initiative requires owners to register animals with embedded microchips containing ownership and health information to improve traceability, reduce stray animal incidents, and strengthen public safety. Such regulatory developments illustrate how governments are increasingly utilizing microchip technology as critical infrastructure for animal identification, disease management, and responsible ownership across both companion and livestock sectors.

Integrated Veterinary Platforms Enhance Animal Care

The industry is increasingly combining identification technology with digital veterinary ecosystems that improve clinical efficiency and pet recovery. HomeAgain, operated by MSD Animal Health, has expanded beyond conventional identification databases by enabling automated microchip registration through veterinary practice management software while supporting comprehensive pet recovery services. The growing adoption of integrated temperature-sensing technologies such as Thermochip® further reflects the transition toward dual-purpose microchips that provide both permanent identification and non-invasive wellness monitoring. These innovations enable veterinarians to access more comprehensive animal information while supporting preventive healthcare and faster reunification of lost pets with their owners.

Strategic Investment Supports Next-Generation Animal Health Technologies

Manufacturers continue to strengthen long-term innovation through investments in advanced veterinary technologies and specialized device development. Merck Animal Health's agreement to acquire biodevice developer TARGAN demonstrates the broader industry commitment to expanding research, engineering, and manufacturing capabilities across animal health technologies. Although initially focused on poultry applications, the acquisition complements the company's broader veterinary technology portfolio and reinforces the industry's movement toward smarter identification systems integrated with advanced diagnostic and wellness solutions for companion animals.

Pet Microchips Market Trends, Growth Drivers, Competitive Landscape, and Future Opportunities

The global Pet Microchips market is witnessing increasing investments in innovation, product development, digital transformation, artificial intelligence integration, healthcare infrastructure expansion, and strategic partnerships across developed and emerging economies. Key Companies in the industry include- Merck & Co., Inc. (Animal Health), Virbac, Elanco Animal Health, Datamars, Avid Identification Systems, Inc., Trovan Ltd., Wuxi Fofia Technology Co., Ltd., Pethealth Inc., Peeva Inc., Pet Pulse. The Pet Microchips market is expected to remain one of the most closely watched segments in the global healthcare industry, with companies focusing on niche market segments. As healthcare systems across the US, Europe, Asia-Pacific, Latin America, and Middle East & Africa continue to prioritize efficiency, access, and innovation, the Pet Microchips industry outlook remains shaped by rising healthcare expenditure, demographic change, digital transformation, and product innovation.

The report provides detailed market analysis including-

- Growth Pet Microchips Market size outlook across 3 scenarios- High growth, reference, and Low growth cases
- Market Trends, Drivers, Potential Opportunities, and Challenges faced by Pet Microchips companies
- Porter’s Five forces analysis- Bargaining power of buyers and sellers, Threat of Substitutes and new entrants, and Intensity of competitive rivalry
- Detailed SWOT Analysis of global and regional Pet Microchips markets
- Competitive analysis including business description, product analysis, and financial profiles
- Key country specific analysis detailing key factors shaping the short-term and long-term outlook

Recent industry developments and news including mergers, acquisitions, product launches, expansions, and company announcements

Pet Microchips Market Competitive Benchmarking and Company Analysis

Leading companies in Pet Microchips industry include- Merck & Co., Inc. (Animal Health), Virbac, Elanco Animal Health, Datamars, Avid Identification Systems, Inc., Trovan Ltd., Wuxi Fofia Technology Co., Ltd., Pethealth Inc., Peeva Inc., Pet Pulse. The Pet Microchips market remains moderately to highly fragmented, with competition expected to intensify as companies accelerate investments in innovation, geographic expansion, strategic partnerships, and portfolio diversification through 2034. In developed markets such as the United States, Germany, France, the United Kingdom, and Canada, competition is increasingly centered on innovation, reimbursement positioning, and value-based healthcare solutions. Meanwhile, emerging markets including China, India, Brazil, and countries across the Middle East and Africa continue to present significant opportunities for expansion due to rising healthcare expenditure, growing patient populations, and increasing access to healthcare services.

What to expect in US Pet Microchips Markets in 2026 and beyond- Market Size, Share, Growth Rate, and Forecast to 2034

The US healthcare expenditure is forecast to reach $8.2 Trillion in 2034 from $5.5 Trillion in 2026 based on the National Health Expenditure Accounts (NHEA) data. With an aging population, rising chronic disease burden, and increasing migration toward minimally invasive and outpatient care, the Pet Microchips market remains one of the strongest-performing segments in the country.

The US Pet Microchips Companies are opting new business models, optimized pricing models, industry partnerships, and AI-enabled back end transformations to enhance efficiency and cost management. The US Pet Microchips market faces successive waves of challenging trends, with strong opportunities across select segments. The CMS plan to implement Medicaid from 2027 is driving states to build eligibility verification systems throughout 2026. Looking ahead to 2034, we anticipate stronger results underpinned by opportunities exist across Pet Microchips industry. On the medical device front, over 7,000 device manufacturers continue to gain from increasing demand from demand for implantable devices, surgical instruments, monitoring equipment, and diagnostic systems.

Canada- Proximity to the US and healthcare similarities to EU5 countries fuel sales of Canadian Pet Microchips markets

Canada's strong Pet Microchips sales performance is underpinned by an aging population and a well-developed healthcare infrastructure. Steady growth in new brand spending in rural and urban locations fuel the long-term prospects of small and medium-sized enterprises across medical, diagnostic, and therapeutic devices. The Canadian Pet Microchips market presents significant opportunities for U.S. exporters of medical devices, with the U.S. being Canada’s largest trading partner for this sector. Potential advantages including specialized materials, advanced manufacturing techniques, and digital technologies support the launch of new products in the country.

Germany Pet Microchips Trends and Perspectives to 2034- Financial sustainability, hospital restructuring, demographic pressures, and digitization of care delivery continue to shape the German healthcare industry.

Germany continues to remain the largest Pet Microchips market in Europe, driven by over €600 Billion healthcare expenditure, €12 Billion medical device R&D expenditure, statutory health insurance system covering 90% German population, nationwide rollout of the electronic patient record (ePA), and large-volume of Pet Microchips population. In particular, Research and development in Germany fuels the commercialization of cutting-edge technologies. Companies across the Germany Pet Microchips industry value chain are focusing on both domestic markets and exports. The country is also driving digital adoption with the Hospital Future Act driving hospitals to upgrade their information systems by 2027. Over the forecast period, aging population, rising healthcare costs, and increasing procedural volumes drive the Pet Microchips market outlook.

France Market Size, Growth Rate, and Forecast Analysis to 2034- Universal healthcare system, high public healthcare expenditure, and strong government support Pet Microchips sales through 2034

France Pet Microchips companies are emphasizing on opportunities for rapid, at-scale innovation to boost profitability over the long-term. The country’s National Health Insurance spending target (ONDAM) estimates 3.7% growth in the country’s healthcare expenditure. Over the forecast period, expenditure control measures, chronic disease management initiatives, workforce reforms, and efforts to improve system efficiency drive the long-term prospects.

The biggest 2026 policy frame is the PLFSS 2026. The law sets the Maladie branch spending target at €271.4 billion for 2026 and fixes the ONDAM at €117.5 billion for city care, €112.8 billion for health establishments, and €18.3 billion for elderly-care establishments and services. France’s market is also being pulled by demographics. INSEE estimates that on 1 January 2026 France had 69.1 million inhabitants, with 22% aged 65 or over. INSEE also reported that 2025 births were 645,000 and deaths were 651,000, producing a negative natural balance of about 6,000 for the first time since the end of the Second World War.

UK Pet Microchips Market Size, Share, and Growth Projections to 2034- Rapid growth driven by new and existing brands across the industry value chain

Small high-need consumer segments remain key priority of Pet Microchips distributors in the UK industry. Continuous launch of new products coupled with high expenditures support the market outlook. The UK Government financing remains the dominant funding source at 81.3% of total healthcare expenditure, or ?280 billion in 2025. According to the ONS, total healthcare spending grew 7.7% nominally and 3.9% in real terms from 2024 to 2025. Similarly, out-of-pocket spending was ?49 billion (14.1%) and voluntary health insurance was ?9.5 billion (2.8%). The market is driven by rapid digital adoption with NHS England’s plan to give more than 500,000 staff access to new AI tools.

China Pet Microchips Market Growth Drivers, Revenue Trends, and Forecast- Medical insurance coverage is rapidly expanding over the past few years

China Pet Microchips market is undergoing a structural shift from hospital-centric care toward a more integrated system emphasizing primary care, outpatient services, and long-term care. Chinese local players are emerging as a strong pillar of Pet Microchips industry, offering opportunities for both competition and partnership. Over the forecast period, new and innovative product launches remain key elements driving market outlook. China's healthcare industry is increasingly centered on expanding healthcare capacity, improving access to advanced treatments, and reducing dependence on imported technologies.

The National Healthcare Security Administration reported that by end-2024, China’s basic medical insurance covered 1.32662 billion people and the coverage rate was 95%. Regional disparities in consumer spending trends continue to become more pronounced in the Chinese Pet Microchips industry. Over the forecast period, demand will keep shifting toward geriatrics, chronic disease management, rehabilitation, long-term care, and outpatient care, while pricing pressure will remain intense in drugs and consumables because reimbursement.

India Pet Microchips Market Landscape: Current Size and Long-Term Growth Outlook - Increased pricing pressures in US market is encouraging domestic vendors to expand across India

Indian Pet Microchips market is witnessing the rapid emergence of an ecosystem that brings together diverse companies across the industry value chain. Further, large-scale healthcare public and private investments and a steady growth in chronic conditions is driving sales of pharmaceuticals and medical devices. Further, non-retail channel is experiencing volume decrease and patients are migrating to the retail. Indian medical device firms are also combining precision engineering with lower labor costs to make world-class diagnostics, robotics, and critical care devices.

Brazil Pet Microchips market remains price-driven, with products domestically manufactured and accessibility offering potential opportunities

Healthcare expenditure in Brazil exceeds 10% of GDP, with the country among the highest healthcare spenders in Latin America. ANS reported 53.2 million medical-plan beneficiaries in December 2025, while IBGE projects a steady rise in older-age cohorts, with people aged 60+ already representing about 23% of the population. The price sensitive market access is broad through the public system, private coverage adds a sizeable premium layer, and reimbursement, procurement, and hospital efficiency remain key buying drivers.

Middle East and Africa Pet Microchips Industry Trends and Perspectives to 2034

According to the World Bank, the Middle East and North Africa population exceeds 500 million, while Sub-Saharan Africa's population exceeds 1.2 billion, making the broader MEA region one of the fastest-growing healthcare demand centers globally. The GCC countries including Saudi Arabia, United Arab Emirates, Qatar, and Kuwait continue to account for a disproportionately large share of regional healthcare spending. Government-led programs such as Saudi Arabia's Vision 2030 are accelerating investments in hospital infrastructure, private-sector participation, medical technology adoption, and healthcare digitalization. On the other hand, South Africa, Egypt, Nigeria, and Kenya remain key healthcare markets due to their large populations, expanding private healthcare sectors, and growing investments in healthcare delivery systems.

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Pet Microchips Market Segmentation

By Product

Microchips

Scanners

By Component

RFID Chip and Implanter

Chip Reader

By Technology

Standard RFID

GPS-enabled/Advanced Tracking

By Pet Type

Dogs

Cats

Horses

Others

By Frequency

134.2 KHz

125 KHz

128 KHz

Universal/Multifrequency

By Application

Pet Identification

Disease Tracking and Vaccination Management

Theft Prevention

By End-User

Veterinary Hospitals/Clinics

Animal Shelters/Rescues

Breeders

Pet Owners

By Distribution Channel

Veterinary Hospitals/Clinics

Pet Stores/Retail

E-Commerce

Leading Companies in Pet Microchips Industry (2026)

Merck & Co., Inc. (Animal Health)

Virbac

Elanco Animal Health

Datamars

Avid Identification Systems, Inc.

Trovan Ltd.

Wuxi Fofia Technology Co., Ltd.

Pethealth Inc.

Peeva Inc.

Pet Pulse

Countries Included

North America- US, Canada, Mexico

Europe- Germany, France, UK, Spain, Italy, Nordics, Others

Asia Pacific- China, India, Japan, South Korea, Australia, Southeast Asia, Others

Latin America- Brazil, Argentina, Others

Middle East and Africa- Saudi Arabia, UAE, Other Middle East, South Africa, Other Africa

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