

# **Brazil Veterinary Artificial Insemination Market Size, Share & Trends Analysis Report By Solution (Semen, Services), By Sector (Meat, Dairy), By Animal, By Distribution Channel, And Segment Forecasts, 2024 - 2030**

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## **Abstracts**

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### **Brazil Veterinary Artificial Insemination Market Growth & Trends**

The Brazil veterinary artificial insemination market is expected to reach USD 1.94 billion by 2030, at a projected CAGR of 8.75% from 2024 to 2030, according to a new report by Grand View Research, Inc. A growing trend of reliance on advanced AI techniques like Fixed Time Artificial Insemination (FTAI) is an important factor driving the market in Brazil. To increase genetic advancement and reproductive efficiency in cattle and buffalo breeding, FTAI is frequently employed by farmers. It is especially helpful for animals with seasonal reproductive cycles, like buffaloes, whose estrus occurs only during specific seasons. Farmers can increase the number of offspring produced each breeding season and better control the timing of breeding by utilizing FTAI.

Brazilian farmers have started using this technique to increase earnings, which has resulted in the introduction of sires with superior genetics. Population growth is increasing food demand, raising questions about how to produce enough animal proteins to fulfill the rising need. For instance, in 2023, the country recorded the highest level of cattle slaughtering, an increase of 24.1% in Q1 2024 over the last semester of 2023, making it one of the top four beef producers in the world, according to data by IBGE Brazil.

Furthermore, IBGE noted that cattle slaughter amounted to about 9.24 million heads in Q1 2024. Furthermore, raw milk production was at a record high of 6.20 billion liters in 2023, a 3.4% rise from 2022. All these factors present a very lucrative picture for AI activities in the country, owing to increasing global and domestic demand for meat and dairy products from cattle.

The efficient use of this AI technology has translated into an overall rise in the country's adoption of AI for dairy & meat production. For instance, as per the 2024 data from the ASBIA index, usage of AI in dairy and meat production increased from 8.7% & 13.00%, respectively, in 2018 to 12.3% & 23.1% in 2023. All these factors are collectively responsible for increasing the adoption of veterinary AI in Brazil, consequently driving the demand for different solutions like equipment, semen, and AI services.

### Brazil Veterinary Artificial Insemination Market Report Highlights

Based on solution, the services segment accounted for the largest revenue share of 42.71% in 2023. This dominance can be attributed to the developing knowledge of the advantages of artificial insemination among the farmers, enabling them to breed more cows using the semen of a single bull, thus reducing the need to keep numerous bulls on the farm. This improves breeding efficiency while saving time and resources.

Based on distribution channel, the private segment dominated the market in terms of revenue share in 2023 and is anticipated to witness the fastest CAGR over the forecast period due to the expansion of the private sector network of enterprises and associations that provide veterinary clinics, breeders, and owners of livestock with products and services related to artificial insemination. These organizations are essential in providing end users access to genetic materials.

and AI technology.

Based on animal, the bovine segment dominated the market with a revenue share of 65.92% in 2023 and is anticipated to witness a CAGR of over 9% over the forecast period. This can be attributed to the ever-increasing use of AI in the bovine population and the country's global dominance in beef and veal meat production.

Based on sector, the meat segment dominated the market with a revenue share of over 61% in 2023. This can be attributed to the country's dominance in producing different types of meat, such as beef, pork, and chicken. Brazil is among the top 5 meat-producing countries in the world, just behind China and the U.S. AI techniques are largely used in breeding better-quality of animals for meat production

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