

# Middle East Livestock Monitoring Market Size, Share & Trends Analysis Report By Animal (Bovine, Poultry), By Solution (Hardware, Software & Services), By Application, By Sector, By Country, And Segment Forecasts, 2025 - 2033

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## Abstracts

### Middle East Livestock Monitoring Market Summary

The Middle East livestock monitoring market size was estimated at USD 430.05 million in 2024 and is projected to reach USD 1,216.88 million by 2033, growing at a CAGR of 12.50% from 2025 to 2033. The key factors driving the Middle East market include growing emphasis on animal health and welfare, as producers face rising pressure to prevent disease, reduce losses, and ensure food safety.

New technologies like smart sensors and digital health tracking tools now allow farmers to monitor their animals more closely and on a larger scale. This makes it easier to spot issues early, manage herds more effectively, lower costs, and run farms more efficiently. At the same time, demand for animal protein in the region continues to climb, supported by population growth, urbanization, and changing dietary preferences, which increases the need for reliable and productive farming practices. Together, these factors create a strong case for adopting monitoring systems as essential tools for modern livestock management.

The livestock sector in Saudi Arabia remains vital to rural economies, with millions of animals reared in traditional holdings across the Kingdom. For instance, according to an article published by Food Business Middle East & Africa in July 2025, Saudi Arabia introduced the Saudi Smart Flock system as part of the Sustainable Rural Agricultural Development Programme (Saudi Reef) to modernize and enhance the livestock sector.

The system leverages facial recognition technology to monitor the health and productivity of small ruminants. Initially piloted on six farms, the tool serves traditional and intensive farming operations by delivering more accurate and timely data to farmers.

This initiative is expected to accelerate market growth for livestock monitoring solutions in Saudi Arabia and beyond. Reducing animal losses, improving herd quality, and increasing farm efficiency highlight the value of adopting digital tools in livestock management. As small-scale and commercial farmers experience the benefits of improved productivity and cost savings, adoption rates are likely to rise, creating strong momentum for wider deployment of monitoring technologies and fueling long-term market growth.

Moreover, according to an article published by ARAB NEWS, in September 2024, Saudi Arabia has allocated USD 533 million in loans and credit facilities to strengthen food sustainability and security, with a particular emphasis on red meat and poultry production. This investment will enable producers to scale operations, adopt modern farming methods, and implement technologies that enhance efficiency and output. Such initiatives are expected to fuel market growth, as farmers increasingly seek digital solutions to improve animal health, minimize losses, and optimize productivity. By combining financial support with the push for advanced farming systems, the Kingdom is paving the way for broader adoption of livestock monitoring technologies and long-term market growth.

Furthermore, the UAE's push to modernize agriculture through advanced technologies strongly drives market growth by addressing local challenges and global trade demands. According to an article published by The Sustainable Times, in September 2025, with over 80% of food imported, ensuring food safety, disease traceability, and compliance with international standards has become critical. Government partnerships with technology providers and adopting tools such as RFID, GPS tags, AI analytics, and blockchain-based traceability enable real-time monitoring, stronger biosecurity, and greater transparency. These measures safeguard consumer trust, support sustainability goals under Vision 2030 and 2050, and create a strong incentive for producers and importers to invest in livestock monitoring systems, further contributing to market growth.

## Middle East Livestock Monitoring Market Report Segmentation

This report forecasts revenue growth at global, regional, and country levels and

provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the Middle East livestock monitoring market report based on animal, solution, application, sector, and country:

#### Animal Outlook (Revenue, USD Million, 2021 - 2033)

Bovine

Poultry

Swine

Other Animals

#### Solution Outlook (Revenue, USD Million, 2021 - 2033)

Hardware

Sensors

Collars

Limb Wearables

GPS/RFID

Collars

Tags

Other Hardware

Software & Services

On-Premise

Cloud

#### Application Outlook (Revenue, USD Million, 2021 - 2033)

Milking Management

Breeding Management

Feeding Management

Health Monitoring

Behavioral Monitoring

Other Applications

Sector Outlook (Revenue, USD Million, 2021 - 2033)

Dairy

Meat

Other Sectors

Country Outlook (Revenue, USD Million, 2021 - 2033)

South Africa

Saudi Arabia

UAE

Kuwait

Qatar

Oman

Rest of MEA

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