

U.S. Breast MRI Market Size, Share & Trends Analysis By Product (Systems, Coils, Software), By Imaging Technique/Contrast Use (CE-MRI, Ab-MRI), By Condition (Malignant, Benign), By End-use, And Segment Forecasts, 2025 - 2033

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Abstracts

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U.S. Breast MRI Market Summary

The U.S. breast MRI market size was estimated at USD 793.61 million in 2024 and is projected to reach USD 1,878.8 million by 2033, growing at a CAGR of 10.05% from 2025 to 2033. The demand for breast MRI in the U.S. is increasing due to the rising prevalence of breast cancer and the growing demand for medical imaging, along with growing clinical trials and continuous technological advancements in magnetic resonance imaging.

The growing prevalence of breast cancer and other breast-related abnormalities is expected to drive market expansion significantly. According to data published by the National Breast Cancer Foundation, Inc. in June 2025, approximately 1 in 8 women in the U.S. will be diagnosed with breast cancer during their lifetime. In addition, projections from the International Agency for Research on Cancer estimate a 27.8% increase in breast cancer incidence in the U.S. between 2022 and 2050, with cases expected to reach approximately 350,693 by 2050. This substantial rise in cancer cases is anticipated to fuel the demand for breast magnetic resonance imaging procedures across the country.

Furthermore, the increasing number of clinical trials evaluating advanced magnetic

resonance imaging modalities for cancer detection and developing innovative imaging solutions is expected to contribute significantly to market growth. These trials are crucial in improving diagnostic accuracy, enhancing early detection, and validating new technologies.

U.S. Breast MRI Market Report Segmentation

This report forecasts revenue growth at the country level 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 U.S. breast MRI market report based on product, imaging technique/contrast use, condition, and end-use:

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

Systems

By MRI System Type

Closed MRI Systems

Open MRI Systems

By Field Strength

1.5 Tesla (1.5T)

3 Tesla (3T)

7 Tesla (7T)

By Dimensional Modality

3D Breast MRI

4D Breast MRI

Coils

By Coil Configuration

Unilateral Breast Coils

Bilateral Breast Coils

By Channel Count

8-Channel Breast Coils

16-Channel (or Higher) Breast Coils

By Functionality

Diagnostic-Only Coils

Biopsy-Compatible Breast Coils

Software

Imaging Technique / Contrast Use Outlook (Revenue, USD Million, 2021 - 2033)

Contrast-Enhanced MRI (CE-MRI)

Non-Contrast / Abbreviated Breast MRI (Ab-MRI)

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

Malignant

Benign

End-use Outlook (Revenue, USD Million, 2021 - 2033)

Hospitals and Clinics

Diagnostic Imaging Centers

Breast Care Centers

Academic & Research Institutes

Others

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