

Chile Diagnostic Imaging Equipment - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-06-01 | 75 pages | Mordor Intelligence

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Report description:

Chile Diagnostic Imaging Equipment Market Analysis

The Chile diagnostic imaging equipment market size is estimated at USD 327.94 million in 2025, and is expected to reach USD 454.43 million by 2030, at a CAGR of 6.74% during the forecast period (2025-2030). Steady public-sector investment, rapid private-sector digitization, and an aging population that now accounts for 16% of residents reinforce equipment demand across modalities. Oncology's rise as Chile's top mortality driver, together with cardiovascular prevalence affecting 27% of adults, pushes providers to upgrade to high-throughput CT, MRI, and mammography units that integrate decision-support software.

Chile Diagnostic Imaging Equipment Market Trends and Insights

Growing Geriatric Population

By 2030, people aged 65 and older will form one-fifth of Chile's residents, and they undergo imaging 3.2 times more often than younger cohorts, especially for musculoskeletal and cardiovascular assessments. National survey results show that 74% of seniors have at least one condition needing routine scans, which pushes hospitals to replace legacy radiography with dose-reduction digital units that cut exposure up to 70%. Procurement teams therefore prioritize patient-friendly gantries and faster table times to minimize discomfort among mobility-restricted elders.

Rising Prevalence of Chronic Diseases

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Cancer has overtaken cardiovascular illness as Chile's top mortality driver, and the National Cancer Institute expanded its research pipeline, signaling higher requirements for CT, mammography, and PET-CT capacity. Cardiovascular disease still burdens 27% of adults, spurring adoption of cardiac CT and MRI that integrate with tele-cardiology platforms. Facilities seek scanners capable of dual oncology-cardiology use to maximize asset utilization, a key strategy in budget-constrained provincial hospitals.

High Cost of Imaging Equipment & Procedures

A single 1.5 T MRI can cost USD 1-3 million, and annual maintenance absorbs 8-12% of purchase value. Private ISAPRE plans reimburse only 60-80% of high-end scan fees, forcing middle-income households to shoulder large co-payments. Peso volatility lifts import prices because virtually all scanners arrive from the United States, Europe, or Japan. To counter the strain, vendors propose leasing and pay-per-exam contracts that tie fees to utilization and outcomes.

Other drivers and restraints analyzed in the detailed report include:

Technological Advancements & Digitization / Government Investment in Hospital Network Expansion / Shortage of Radiologists & Sonographers /

For complete list of drivers and restraints, kindly check the Table Of Contents.

Segment Analysis

X-ray equipment retained 25.33% of the Chile diagnostic imaging equipment market share in 2024 as every emergency department depends on radiography for trauma screening. Demand for digital detectors that slash dose and produce instant images keeps replacement cycles brisk. MRI, while representing a smaller installed base, is growing at 8.19% CAGR because neurological research and oncology follow-up require higher resolution and soft-tissue detail.

Chile's procurement strategy now favors multi-purpose platforms. A single DR room can manage trauma, chest, and orthopedic exams with AI-based positioning that speeds throughput. MRI vendors highlight non-contrast angiography and synthetic CT capabilities that let oncologists stage disease without additional radiation. Computed tomography suppliers integrate metal-artifact reduction essential for Chile's sizable orthopedics patient pool linked to mining accidents and sports injuries. Mammography system vendors increasingly deliver tomosynthesis as a standard feature, advancing early lesion detection rates in national screening centers.

Fixed installations represented 80.21% of the Chile diagnostic imaging equipment market size in 2024, as tertiary hospitals require gantry-mounted MRI and multi-slice CT to handle high patient volumes. Major centers in Santiago and Valparaiso typically operate two to four CT suites each, ensuring redundancy for 24/7 trauma coverage. Mobile systems, however, post a 7.82% CAGR because mountainous geography and island communities necessitate transportable solutions. Mobile CT trailers serve Antofagasta's mining camps, and handheld ultrasound bridges care gaps in Patagonia's primary clinics. Vendors now market battery-powered portable X-ray units that fit in emergency vehicles, responding to Chile's national disaster preparedness protocols linked to seismic risk. The Chile diagnostic imaging equipment market benefits as government grants fund ruggedized equipment certified for earthquake resilience.

Adoption patterns vary by region. Metropolitan public hospitals replace legacy fixed radiography with ceiling-suspended DR to clear floor space and speed patient turnover. Private orthopedics practices adopt compact extremity MRI for dedicated sports medicine workflows. Meanwhile, rural hospitals choose multi-modality vans that combine digital X-ray with ultrasound, enabling a single technologist to perform essential scans on rotational visits. Industry players expect future growth in self-shielded mobile

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PET-CT that can operate without purpose-built bunkers, extending oncology staging services to secondary cities.

The Chile Diagnostic Imaging Market Report is Segmented by Modality (MRI, Computed Tomography, Ultrasound, X-Ray, Nuclear Imaging, Fluoroscopy and Mammography), Portability (Fixed Systems and Mobile and Hand-Held Systems), Application (Cardiology, Oncology, Neurology, Orthopedics, Gastroenterology and More), and End User (Hospitals, Diagnostic Imaging Centres, and More). The Market Forecasts are Provided in Terms of Value (USD).

List of Companies Covered in this Report:

GE Healthcare / Siemens Healthineers / Koninklijke Philips / Canon / FUJIFILM / Carestream Health / Esaote / SAMSUNG (SamsungHealthcare.com) / Hologic / Mindray / Agfa-Gevaert / Shimadzu / Konica Minolta / Neusoft Medical Systems / United Imaging Healthcare / Ziehm Imaging /

Additional Benefits:

The market estimate (ME) sheet in Excel format /
3 months of analyst support /

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