

# **UAE Hospital Beds Market Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028**

## **Segmented by Product Type (General Beds, Bariatric Beds, Pediatric Beds, Pressure Relief Beds, Birthing Beds, Others), By Type (Powered, Manual), By Care (Curative Care, Long-Term Care, Rehabilitative Care), By Application (Intensive Care Beds, Non-Intensive Care Beds), By End User (Hospitals & Clinics, Ambulatory Care Centers, Others), by region, and Competition**

<https://marketpublishers.com/r/U82B7C77E761EN.html>

Date: November 2023

Pages: 79

Price: US\$ 3,500.00 (Single User License)

ID: U82B7C77E761EN

### **Abstracts**

UAE Hospital Beds Market is anticipated to witness an impressive growth in the forecast period. Hospital beds are specialized beds designed for use in healthcare settings, such as hospitals, clinics, and long-term care facilities. These beds are a critical component of patient care, providing a comfortable and supportive environment for individuals who are ill, injured, or recovering from medical procedures. Hospital beds are typically adjustable in height, allowing healthcare providers to raise or lower the bed to a comfortable and ergonomic level for medical procedures, examinations, and patient care tasks. Hospital beds can be raised or lowered at the head and foot sections. This feature enables patients to find a position that maximizes comfort and aids in various medical conditions, such as respiratory issues or post-surgery recovery. Many hospital beds come equipped with side rails that can be raised or lowered. Side rails provide additional safety for patients, preventing accidental falls and providing support when moving or repositioning in bed.

The rising incidence of chronic diseases necessitates more hospital beds for the management and treatment of patients with conditions like diabetes, cardiovascular diseases, and respiratory disorders. The UAE is a popular destination for medical tourism, attracting patients from around the world for various medical treatments. This influx of international patients contributes to the demand for hospital beds, as medical tourists often require inpatient care. Advancements in healthcare technology, including smart beds and telemedicine solutions, drive the demand for modern and technologically advanced hospital beds. These innovations contribute to improved patient care and outcomes. There is a growing emphasis on patient-centered care, leading to the adoption of hospital beds that prioritize comfort, safety, and ease of use. Beds with features such as pressure redistribution surfaces and fall prevention mechanisms are in demand. The establishment of specialized care units, such as intensive care units (ICUs), neonatal intensive care units (NICUs), and bariatric care units, increases the demand for specialized hospital beds tailored to the unique needs of patients in these units.

## Key Market Drivers

### Technological Advancements

Modern hospital beds often come with adjustable features, allowing patients to customize the bed position for comfort and medical requirements. Adjustable settings can include height, backrest, and leg elevation. Smart hospital beds are equipped with sensors and connectivity features to monitor patient health and well-being. These beds can collect real-time data on vital signs, movement, and other parameters, providing healthcare professionals with valuable information for patient care. To prevent pressure ulcers and enhance patient comfort, hospital beds now incorporate pressure redistribution surfaces. These surfaces adjust based on the patient's body shape, distributing pressure more evenly. Advanced hospital beds include features designed to prevent patient falls. Sensors and alarms can alert healthcare staff if a patient attempts to leave the bed without assistance.

Hospital beds are increasingly integrated with patient monitoring systems. These systems can monitor vital signs, track medication administration, and provide alerts for medical staff in case of any abnormalities. Some hospital beds are equipped with telemedicine capabilities, allowing healthcare providers to conduct remote consultations and monitor patients even when they are not physically present in the hospital. Hospital beds with built-in scales simplify the process of monitoring patient weight, which is crucial for medication dosing and disease management. Electrically operated hospital

beds are becoming more common, enabling caregivers to adjust bed positions with minimal physical effort. This is particularly beneficial for both patients and healthcare providers. To ensure continuous functionality during power outages or emergencies, hospital beds may be equipped with battery backup systems. This ensures that critical bed features remain operational.

Hospitals are increasingly incorporating features into beds that aid in infection control. This may include antimicrobial coatings, easily cleanable materials, and designs that minimize the risk of bacterial transmission. Hospital beds designed for bariatric patients are equipped to handle higher weight capacities. These beds often come with reinforced frames and specialized features to ensure the safety and comfort of patients with obesity. Some hospital beds are designed to be transparent to X-rays, allowing medical imaging without the need to move the patient to a separate table. In some cases, hospital beds are equipped with voice-activated controls, allowing patients to adjust bed settings using verbal commands. This factor will help in the development of the UAE Hospital Beds Market.

### Rising Demand of Specialized Care Units

ICUs are equipped with specialized beds designed to meet the unique needs of critically ill patients. The demand for critical care beds is driven by the increasing incidence of severe medical conditions and the necessity for close monitoring and advanced life support systems. Neonatal Intensive Care Units (NICUs) cater to the unique healthcare needs of newborns, especially those born prematurely or with medical complications. NICU beds are designed to provide a controlled environment for the delicate care required by newborns, contributing to the demand for specialized hospital beds. With the rising prevalence of obesity, there is an increased demand for bariatric care units and specialized bariatric hospital beds. These beds are designed to accommodate patients with higher weight capacities, ensuring their safety and comfort.

Specialized orthopedic care units and sports medicine units often require hospital beds designed to support patients recovering from orthopedic surgeries or sports-related injuries. These beds may have features to enhance postoperative recovery and rehabilitation. Maternity and obstetrics units have specific requirements for hospital beds to support pregnant women during labor and delivery. The demand for obstetric beds is influenced by the population's reproductive health needs. Psychiatric care units necessitate beds that prioritize patient safety and prevent self-harm. These specialized beds may have features such as built-in restraints and mechanisms to minimize the risk of injury. Hospital beds in dialysis units are designed to accommodate patients

undergoing regular dialysis treatments. Features such as adjustable height and comfort are important considerations for patients spending extended periods in these beds.

Cath-lab beds are specialized for patients undergoing cardiac procedures. These beds often have features that facilitate access for medical equipment during cardiovascular interventions. Patients in burn units and wound care centers may require specialized beds to support their unique treatment needs. These beds are designed to minimize pressure on sensitive areas and promote wound healing. Pediatric hospital beds are designed to cater to the specific needs of children, including adjustable features to accommodate various age groups and ensure their safety and comfort. This factor will pace up the demand of the UAE Hospital Beds Market.

### Increasing Prevalence of Chronic Diseases

Chronic diseases often require ongoing medical management and periodic hospital admissions. Patients with conditions such as diabetes, cardiovascular diseases, respiratory disorders, and chronic kidney disease may need hospitalization for acute exacerbations or complications. Chronic diseases, especially those with multiple comorbidities, may require specialized care and management. Hospital beds in various units, including medical and surgical wards, are essential for addressing the complexity of cases associated with chronic diseases. Some chronic conditions may lead to complications that require long-term care and rehabilitation. Hospital beds play a crucial role in providing a supportive environment for patients undergoing extended treatment or recovery. Chronic diseases often necessitate treatment in specialized units or departments within hospitals. For example, cardiac care units, respiratory care units, and diabetes care units may require specialized beds tailored to the needs of patients with specific chronic conditions.

In cases where chronic diseases reach an advanced stage, end-of-life care may be provided in hospital settings. Palliative care and hospice units may require specialized hospital beds to ensure the comfort of patients during their final stages of life. The emphasis on preventive healthcare and early detection programs for chronic diseases may lead to an increased number of patients seeking medical attention. This can result in higher hospital admissions and, consequently, a greater demand for hospital beds. Chronic diseases are often more prevalent in older populations. As the UAE experiences demographic changes with an aging population, the demand for hospital beds is likely to rise due to the higher incidence of chronic health conditions associated with aging.

Advances in medical technology and treatment modalities for chronic diseases may require specialized equipment and facilities within hospitals. This can contribute to the need for hospital beds equipped to handle new and advanced medical interventions. Government initiatives aimed at addressing the burden of chronic diseases in the population may result in increased investments in healthcare infrastructure, including the procurement of hospital beds to meet the rising demand for chronic disease management. Increased awareness and education regarding chronic diseases may encourage individuals to seek medical attention and adhere to treatment plans. This can lead to a higher utilization of healthcare services, including hospital beds. This factor will accelerate the demand of the UAE Hospital Beds Market.

## Key Market Challenges

### Increased Competition

Intense competition often leads to price wars as companies strive to offer more competitive pricing. This can affect profit margins and create challenges for companies that may need to cut costs to remain competitive. With multiple suppliers vying for market share, profit margins can be squeezed. Companies may face the challenge of maintaining profitability while offering competitive prices. To stand out in a competitive market, companies must continuously innovate and introduce new features or technologies in their hospital beds. This places demands research and development budgets and require a commitment to staying ahead of industry trends. Increased competition necessitates higher investments in marketing and promotional activities to differentiate products and build brand recognition. This can strain marketing budgets and pose challenges for smaller players in the market. As competition increases, the demand for raw materials and manufacturing resources may surge. This can strain the supply chain, leading to challenges in maintaining consistent product quality and delivery timelines. Standing out in a crowded market can be challenging. Companies must find unique selling propositions, whether through product features, quality, after-sales service, or other factors, to differentiate themselves.

### Space Constraints in Healthcare Facilities

Space constraints can limit the number of beds that healthcare facilities can accommodate. This, in turn, affects their ability to admit and care for a larger number of patients, especially during periods of high demand or public health emergencies. Space limitations may restrict the design and layout of hospital wards. This can impact the ability to create specialized units or to optimize the arrangement of beds for efficient

patient care and medical staff workflow. Healthcare facilities may face difficulties in expanding or introducing new services due to space limitations. This can hinder the implementation of specialized care units or the inclusion of advanced medical technologies. Limited space can result in crowded conditions, potentially affecting patient comfort and privacy. Adequate space is essential for creating healing environments and ensuring patients have the privacy they need during their hospital stay. Space constraints may create logistical challenges for the placement of medical equipment and technology. This can affect the accessibility of equipment needed for patient care and diagnostics. Limited space can lead to congestion in corridors, waiting areas, and other common spaces. This can impact the smooth flow of patients, visitors, and medical staff throughout the facility. Adequate space is essential for complying with safety standards and regulations in healthcare facilities. Overcrowded or congested spaces may pose safety risks and compliance challenges. Space limitations can restrict the ability of healthcare facilities to expand physically. This may be particularly challenging in urban areas where land availability is limited.

## Key Market Trends

### Sustainability and Environmental Considerations

Healthcare facilities, including hospitals, are increasingly seeking green building certifications such as LEED (Leadership in Energy and Environmental Design) or Estidama in the UAE. This trend extends to the selection of sustainable materials and practices in the construction and outfitting of hospital spaces, including patient rooms with beds. Hospitals are exploring energy-efficient design principles, and this extends to the design and selection of hospital beds. Beds that are designed with energy efficiency in mind, such as those incorporating smart technologies for power management, contribute to sustainability goals. Sustainable and eco-friendly materials are being considered in the manufacturing of hospital beds. This includes the use of recycled materials, low-emission finishes, and materials with minimal environmental impact. Hospitals are increasingly focused on waste reduction and recycling initiatives. This extends to the disposal and recycling of old hospital beds as well as incorporating features in new beds that facilitate recyclability. Hospitals are considering the life cycle impact of the products they purchase, including hospital beds. This involves evaluating the environmental impact of a product from raw material extraction to manufacturing, transportation, use, and disposal. Hospitals are working to reduce their carbon footprint, and this includes considering the environmental impact of the products they procure. Sustainable hospital beds can contribute to a hospital's overall efforts to minimize its environmental footprint. Sustainable practices in hospitals extend beyond energy

considerations to water conservation. Hospitals are exploring ways to reduce water usage, and this includes the selection of materials and equipment, such as hospital beds, that contribute to water conservation efforts.

## Segmental Insights

### Type Insights

In 2022, the UAE Hospital Beds Market largest share was held by Bariatric Beds segment and is predicted to continue expanding over the coming years. Increased awareness of obesity-related health issues and a focus on providing specialized healthcare services for individuals with obesity could lead to a higher demand for bariatric beds. Hospitals and healthcare facilities might be investing in specialized equipment, including bariatric beds, to meet the specific needs of their patient population. Government initiatives or healthcare policies addressing the healthcare needs of individuals with obesity could influence the market dynamics and drive the demand for bariatric beds. The UAE is a destination for medical tourism, particularly for bariatric surgeries or treatments, healthcare facilities might invest in specialized equipment, including bariatric beds, to cater to the needs of medical tourists.

### Application Insights

In 2022, the UAE Hospital Beds Market largest share was held by Non-Intensive Care Beds segment and is predicted to continue expanding over the coming years. Non-intensive care beds are typically used for patients who do not require intensive medical monitoring or critical care. Given that a significant portion of healthcare needs involves non-critical cases, the demand for these beds is naturally higher. Non-intensive care beds are commonly found in general medical and surgical wards within hospitals. These wards cater to a variety of medical conditions and routine surgical procedures, contributing to a substantial demand for non-intensive care beds. Many non-intensive care beds are utilized for outpatient services, where patients undergo minor procedures or treatments that do not require an overnight stay in an intensive care unit. This outpatient demand can contribute to the prominence of the Non-Intensive Care Beds segment. Patients recovering from surgeries, especially those with less complex procedures, often occupy non-intensive care beds. The need for postoperative recovery beds is significant, and these beds are commonly included in the Non-Intensive Care Beds segment. Non-intensive care beds are versatile and can be used for various medical conditions, making them essential for hospitals aiming to provide flexible patient care solutions. The adaptability of these beds may contribute to their higher demand.

## End-User Insights

In 2022, the UAE Hospital Beds Market largest share was held by Hospitals & Clinics segment in the forecast period and is predicted to continue expanding over the coming years. Hospitals and clinics provide a wide range of healthcare services, from routine check-ups to complex medical procedures. Their comprehensive offerings often result in a higher demand for beds to accommodate various medical needs. Hospitals and clinics serve as primary healthcare centers for communities, offering essential medical services. The demand for hospital beds in these facilities is driven by the need to provide accessible healthcare services at the community level. Many hospitals house specialized departments and units, such as surgery, cardiology, orthopedics, and more. The need for specialized medical care often requires dedicated beds for specific purposes, contributing to the overall demand within the Hospitals & Clinics segment. Hospitals play a crucial role in emergency medical care, including trauma and critical care. The availability of emergency beds is essential for handling unforeseen medical situations, contributing to the prominence of hospitals in the market. Hospitals are primary providers of inpatient services, where patients may require extended stays for surgeries, treatments, or recovery. This necessitates a significant number of hospital beds to meet the inpatient demand.

## Regional Insights

The Abu Dhabi region dominates the UAE Hospital Beds Market in 2022. Abu Dhabi has been making substantial investments in its healthcare infrastructure. The government's commitment to developing and modernizing healthcare facilities may have led to an increased number of hospitals and consequently more hospital beds in the region. The Abu Dhabi region has a higher population density or has experienced significant population growth, there would naturally be a greater demand for healthcare services, including hospital beds. Abu Dhabi, being the capital of the UAE, might attract a significant number of medical tourists. The demand for healthcare services from both residents and international patients could contribute to the need for more hospital beds in the region. Economic activity and urbanization often lead to increased healthcare demands. Abu Dhabi, being a major economic and business hub, may experience higher healthcare requirements, resulting in a larger market for hospital beds.

## Key Market Players

Atlas Medical L.L.C.

Heal ME Medical Equipment Trading (Stryker)

Manafeth Mobility and Medical

Aspen Medical Equipment Trading

Curex UAE

Abonemed

Hill-Rom Middle East

Report Scope:

In this report, the UAE Hospital Beds Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Hospital Beds Market, By Product Type:

General Beds

Bariatric Beds

Pediatric Beds

Pressure Relief Beds

Birthing Beds

Others

Hospital Beds Market, By Type:

Powered

Manual

Hospital Beds Market, By Care:

Curative Care

Long-Term Care

Rehabilitative Care

Hospital Beds Market, By Application:

Intensive Care Beds

Non-Intensive Care Beds

Hospital Beds Market, By End-User:

Hospitals & Clinics

Ambulatory Care Centers

Others

Hospital Beds Market, By region:

Dubai

Abu Dhabi

Sharjah

Rest of UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the UAE Hospital Beds Market.

Available Customizations:

UAE Hospital Beds Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

#### Company Information

Detailed analysis and profiling of additional market players (up to five).

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