

# Saudi Arabia Medical Gases Market, By Type (Pure Gases v/s Gas Mixtures), By Application (Therapeutic v/s Diagnostics), By End User (Hospitals & Clinics, Ambulatory Care Centers, Homecare, Others), By Region, Competition, Forecast & Opportunities, 2017-2027F

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# **Abstracts**

Saudi Arabia medical gases market stood at USD 393.85 Million in 2021 and is expected to register a CAGR of 7.15% during the forecast period. The increasing prevalence of Chronic Respiratory Diseases (CRDs) such as asthma, chronic obstructive pulmonary disease, occupational lung diseases, and pulmonary hypertension is driving the demand for medical gases. The rising cases of various types of cancer, with surgery being the most common method of operation, has elevated the demand for pure gases in Saudi Arabia. Increasing application of cryosurgery is predicted to positively influence the growth of the market. The COVID-19 pandemic had a significant impact on the market. Due to increased demand, the pandemic caused shortages of medical oxygen, causing major disruption in the oxygen market and supply chain.

Additionally, gases used for therapeutic purposes are used for the treatment of various diseases including respiratory diseases. Significant advances in the therapeutic application and increased demand of medical gases in this segment is contributing to the uptick in demand for the segment.

Growing Prevalence of Chronic Diseases

The growing prevalence of various chronic diseases such as cardiovascular diseases,



cancer, renal disorders, respiratory problems, among others in Saudi Arabia has significantly increased the patient pool requiring diagnosis and treatment. Majorly medical oxygen is prescribed by the healthcare practitioners to patients who are admitted due to a chronic ailment or having a surgical procedure due to any type of chronic disease. This in turn is expected to positively influence the growth of medical gases market in Saudi Arabia. The prevalence of respiratory problems such as asthma, bronchiolitis, and other lower respiratory tract infection along with Chronic Obstructive Pulmonary Disease (COPD) is quite high in Saudi Arabia requiring different medical gases during treatment. In 2019, an estimated 434,560 people had COPD in Saudi Arabia. The trend was higher in males than that of females. Despite a decline in COPD mortality and morbidity rates, males and older people continue to have higher COPD mortality and morbidity rates than women. Medical gases such as oxygen, lung gas mixtures, and heliox are used extensively in the treatment and diagnosis of these respiratory disorders. Oxygen aids in the prevention of pulmonary artery hypertension and its long-term usage might help relieve the strain on the heart. Thus, the rising prevalence of respiratory diseases is driving the market.

# Improving Status of Healthcare

The improving status of healthcare in Saudi Arabia has led to an increase in the number of new hospitals, ambulatory care centers, setting healthcare clusters, among others in the country. Additionally, upgradation and improvisation of existing healthcare facilities in the country is further expected to increase the demand for medical gases in Saudi Arabia. Furthermore, the Saudi Arabia Vision 2030 focuses on improving the overall state of Saudi Arabia's healthcare system. The program aims to restructure the Saudi health sector, enhancing its status and capabilities as an effective, integrated, valuebased ecosystem centered on patient health under Vision 2030. Furthermore, by promoting public health and disease prevention and implementing modern healthcare paradigms, the healthcare sector transformation program strives for transparency and financial sustainability. The program also seeks to improve citizens' access to free health and healthcare services as well as insurance. This is accomplished by ensuring equitable and comprehensive geographical coverage across the country, expanding ehealth services and digital solutions, and improving healthcare quality. The program focuses on increasing the number of hospital beds in the country available per 1000 population along with upgrading the entire healthcare facilities. As of 2021, Saudi Arabia had 2.24 beds per 1000 population. This, along with increasing number of healthcare settings (both public and private) is further expected to increase the demand for medical gases in the country



# Increasing Demand for Home Healthcare and Point-of-Care Diagnostics

The growing demand for different medical gases from point-of-care diagnostics is expected to drive the growth of medical gases in Saudi Arabia. Similarly, the growing demand for medical gases for home healthcare section is further expected to support the market growth in the country. The availability of the medical gas cylinders with different storage capacity and the manufacturing of the cylinders with composite materials provides accessibility to the users to make it easy to carry it any place they want. This has contributed to strengthen the market of medical gas in the country from homecare and point-of-care testing service providers. Additionally, various companies operating in the Kingdom of Saudi Arabia have started providing medical oxygen to help patients at their home or at point-of-care testing settings. For instance, Linde Saudi Industrial Gas Company (SIGAS) offers medicinal oxygen solutions, products, and services to meet the specific requirements of the care facility or to help patients at their home. Medical oxygen is widely used in every healthcare setting, with applications from anesthesia to inhalation therapy. All these factors have contributed to increasing the demand for medical gases particularly packaged oxygen from home healthcare and point-of-care diagnostics settings, thereby driving the growth of medical gases market in Saudi Arabia.

Increasing surgical volumes are expected to contribute to rising medical gas market demand.

Changes in surgical volumes have been observed to affect demand for medical gases because surgeries are such an important part of the healthcare industry. The increasing prevalence of cardiac arrest, chronic obstructive pulmonary disease, and other disorders forces healthcare practitioners to prescribe medical oxygen to patients for life support, thereby supplementing industry growth. Cancer and skin lesions are also treated with cryosurgery, thus fueling the demand of medical gases in the coming years.

#### Market Segmentation

The Saudi Arabia medical gases market is segmented based on type, application, end user, and regional distribution. Based on type, the market can be split into pure gases and gas mixtures. Based on application, the market can be divided into therapeutic and diagnostics. In terms of end users, the market can be categorized into hospitals & clinics, ambulatory care centers, homecare, and Others. Based on region, the market can be fragmented into northern and central, eastern, western, and southern.



# **Company Profiles**

Linde Saudi Industrial Gas Company (SIGAS), Air Products and Chemicals, Inc, Gulf Cryo Saudi for Industrial & Medical Gases, VitalAire Saudi Arabia, Southern Gas limited., Jubail Gas Plant Co, Ltd., Jacko Gases Company, Abdullah Hashim Gas, Aldakheel Industrial Gases Plant (DIGAS), and Barrak Industrial Gases Factory.

## Report Scope:

In this report, Saudi Arabia medical gases market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Saudi Arabia Medical Gases Market, By Type:

Pure Gases

Gas Mixtures

Saudi Arabia Medical Gases Market, By Application:

Therapeutic

Diagnostics

Saudi Arabia Medical Gases Market, By End Users:

Hospitals & Clinics

**Ambulatory Care Centers** 

Homecare

Others

Saudi Arabia Medical Gases Market, By Region:

Northern and Central

Eastern



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|----|---------|--|
| vv | COLUII  |  |

Southern

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Saudi Arabia medical gases market.

#### Available Customizations:

With the given market data, TechSci 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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