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Advisory & Intelligence

US AMBULANCE SERVICES MARKET

FOCUSED INSIGHTS 2024-2029

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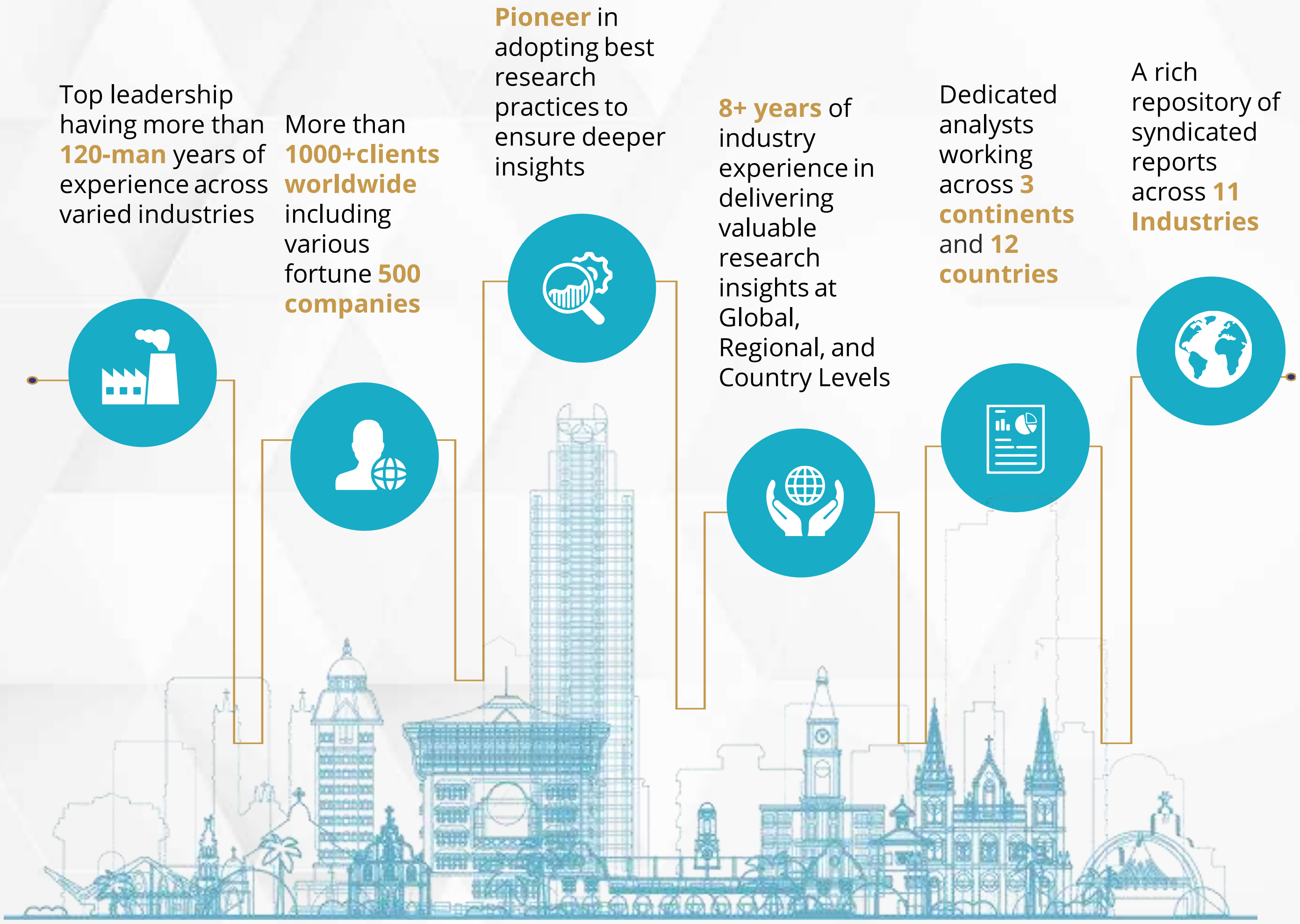
ABOUT ARIZTON

Arizton Advisory & Intelligence

Arizton Advisory & Intelligence provides competitive and insightful business intelligence across various industry verticals. Our expertise and knowledge ensure that the analysis provided is comprehensive, detailed, and complete. The analysis helps our client organizations to make insightful decisions and devise marketing strategies for their businesses. The actionable insight delivered through our market research provide a comprehensive market analysis at even- level of market segmentation in the industry.

Our team of expert ensures the analysis is not just analyzed and presented but also customized depending on the client's requirements. Then it comes to competitive intelligence, we ensure our client do not look beyond us.

Our employment base is spread across the globe. Our analyst prepare high-quality research reports and possess a wide industry experience, which means a proper understanding of the client's requirements and delivering premium search report.



ARIZTON'S USP

01 ACCURATE DATA

Arizton critically analyzes the industry and market sectors to provide a reliable and valuable market intelligence. The research-based knowledge empowers clients to formulate intelligent strategies and eventually result in creative, cost-effective, and efficient execution.

02 CLIENT ORIENTED SOLUTIONS

Arizton has expertise in giving deep-dive market insight along with market intelligence to our customers spread crosswise over various undertakings. We at Arizton are obliged to serve our different client base present over across MedTech, pharmaceuticals, and life sciences & biotechnology markets within the healthcare industry, among different ventures, present globally.

03 TAILORED SERVICES

Arizton typically involves in the creation of tailored and client-centric research reports.

04 DEEP DOMAIN EXPERT

Our pharmaceutical portfolio tracks 15+ therapy areas with major focus on immunology, oncology, rare & genetic diseases, dermatology, and metabolic diseases. Our medical devices and life sciences portfolio covers in-vitro diagnostics, healthcare, IT, patient monitoring, cardiovascular devices, medical imaging, personal protective equipment, clinical laboratory services, and CMO/CDMO services.

05 ANALYTICAL APPROACH

Arizton focuses on providing information related to key issues facing the industry, existing market landscape, regulatory concerns, risk & opportunities, technology evolution, and future commercial potential.

06 COMPREHENSIVE DATA REPOSITORY

The healthcare reports provide historical and forecast data for 20+ key countries worldwide. We track product approvals/launches, M&A activities, and collaboration/partnership activities among pharma/biotech, medical device, and life sciences companies.

07 PUBLICATION ANALYSIS

Arizton provides updated and information regarding the latest developments and scientific research within an industry/sector. We can offer a range of relevant insights, customized to meet our clients' requirements, by analyzing data available in peer-reviewed, scientific research, or business-related publications.

ABOUT THE REPORT

This report provides a comprehensive and current market scenario of the **US AMBULANCE SERVICES MARKET**, including the market size, anticipated market forecast, relevant market segmentations, and industry trends.

MARKET SIZE
Quick check of market conditions & historical data in an industry, region (or) country

INDUSTRY OVERVIEW
Overviews of top manufacturers/marketed products, competitive landscape, vendor profiles, mergers & acquisitions (M&As), and products offering

MARKET FORECAST
Add reliable forecast data to support your business plans and goals.

MARKET SHARE
Identify main players and spot the opportunities and threats

MARKET SEGMENTATION
Gain thorough insights into the structure and size of a category

MARKET ASSESSMENT
Elucidated analysis for a critical and comprehensive understanding of market trends

KEY QUESTIONS ANSWERED

- How large is the US Ambulance Services market ?
- What are the latest trends in the US Ambulance Services market ?
- Who are the key players in the US Ambulance Services market ?
- What is the growth rate of US Ambulance Services market ?
- Which mode is projected to have the highest growth rate in the US?
- What are the factors that are driving the US Ambulance Services market ?

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AMBULANCE SERVICE DEFINITION

An ambulance service is a vehicle that transports patients from or between places of treatment, and sometimes it provides hospital medical care to patients.

EQUIPMENT

Based on equipment, the ambulance service is classified into advanced life support and basic life support.

01

Advanced Life Support

Advanced Life Support units have a minimum of one paramedic and one EMT. They can administer certain medications, and have advanced airway equipment, cardiac monitors, advanced cardiac life support equipment and blood glucose testing equipment.

02

Basic Life Support

Basic Life Support units are designed for inter-facility transportation and pre-hospital response to ill or injured patients. This ambulance is staffed with at least two licensed emergency medical technicians.

DEFINITION & CLASSIFICATION (2/4)

MODE OF TRANSPORT

01

Ground Ambulance

This segment includes all ground ambulance services.

02

Air Ambulance

This segment includes services offered by air ambulances.

03

Water Ambulance

This segment includes services offered by water ambulances.

SERVICE

01

Emergency Service

This segment includes emergency services offered to individuals by ambulance service providers, which includes advanced life support services.

02

Non-Emergency Service

This segment includes non-emergency services offered to individuals by ambulance service providers, which includes basic life support services.

DEFINITION & CLASSIFICATION (4/4)

REGION

01

Metropolitan Statistical Areas

A group or chain of ambulance services owned by a single entity or a firm. This model helps in the expansion of geographical presence of a company and operational activities in multiple location.

02

Non-Metropolitan Statistical Areas

The independently-owned ambulance services are operated independently, and no other facility is allowed to use their name. This model delivers better quality services to individuals.

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EXECUTIVE SUMMARY

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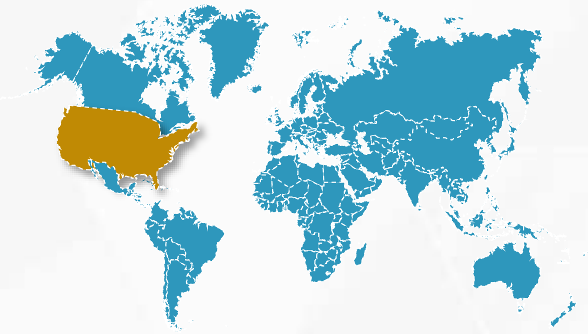

~2 Times of current Value by 2029

The market will be **ACCELERATING,** at a **CAGR** of over

10.36%

Incremental Growth (2023-2029)

14.37 Bn

Absolute Growth (2023-2029)

80.65%

KEY MARKET PLAYERS

Acadian Ambulance Service	AirMedicalGroup Holdings	RuralMetro	Medstar	AirEvac International

KEY TAKEAWAYS

01 Adoption of Smart Ambulances

Smart ambulances are considered as the future of emergency medical services as they help in providing accurate medical assistance in real-time in rural and urban areas and they are equipped with sensors that monitor vital signs, GPS technology and automatic patient data collection.

02 Shift Towards Air Ambulances

The demand for air ambulance is increasing in the market, especially in the US, which is largely focused on reducing death incidences of emergency situations in the country by using helicopters to transport people to nearby hospitals.

03 Increasing Medical Tourism

Inbound medical tourism in the US has been growing rapidly in recent years, as more and more foreign patients seek high-quality medical care in the world's leading economy.

04 Introduction of Highly Equipped Services

Established and new players are launching new and advanced ambulance services to provide high level of comfort and medical services to patients. This is expected to drive the ambulance service market.

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EXECUTIVE SUMMARY

AMBULANCE SERVICES MARKET OVERVIEW

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AMBULANCE SERVICE MARKET OVERVIEW

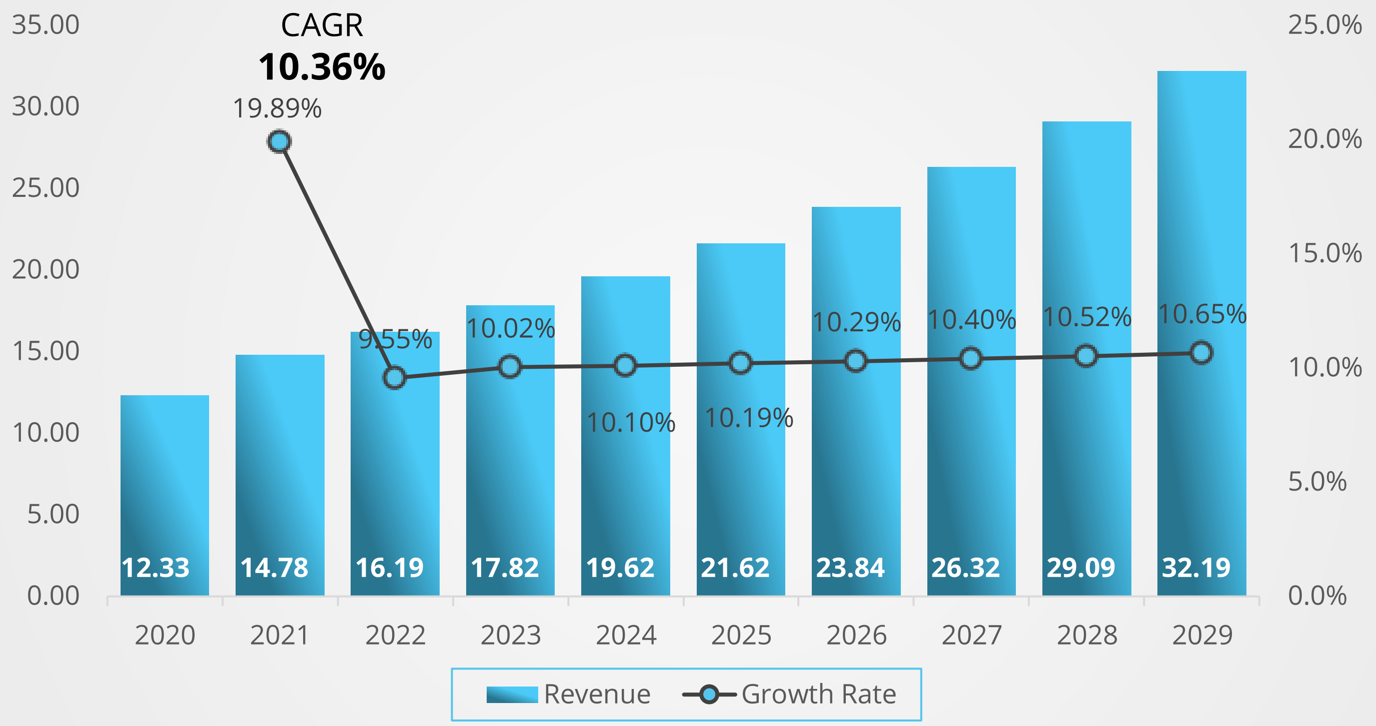
MARKET OVERVIEW & KEY FINDINGS (1/2)

In the US, the Ambulance Service market was valued at **$17.82** billion in 2023 and is expected to reach **$32.19** billion by 2029, growing at a **CAGR of 10.36%.**

- The demand for Ambulance Service market is on the rise due to multiple factors, including the rising baby boomers, rising aging population, and an increase in healthcare expenditure.
- As of 2023, the advanced life support segment dominated the Ambulance Service market with a whooping 68.85% occupancy and is expected to grow at a CAGR of 10.64% during the forecast period as there is an increased need for advanced life support ambulances across the US.
- As of 2023, ground ambulances by mode of transport are contributing 48.70% of the Ambulance Service and are expected to grow at a CAGR of 9.98% during the forecast period since most people are likely to opt for ground ambulance services as the cost for air ambulances is bit higher.
- As of 2023, the emergency services segment dominated the market with 77.47% and is expected to grow at a CAGR of 10.54%, as most people in the US opting for ambulance services are aged and prone to serious health conditions.
- As of 2023, the metropolitan statistical areas dominated the market by occupying 76.79% of market share and are expected to grow at a CAGR of 10.48% during the forecast period due to a significant increase in the percentage of the elderly population in this region.
- The revenue generated from ambulance services in the US is rising steadily. Diabetes, an increasing aging population, obesity, other chronic diseases, and road accidents are key factors that contribute to the rising demand in the US. For instance, in 2018, there were approximately 52 million people aged 65 and above, and the number is projected to become about 95 million by 2060 in the US. As the elderly are more prone to diseases, it is expected that the need for ambulance services will be even more during the forecast period.

MARKET SIZE & FORECAST (2/2)

Market Size & Forecast - Ambulance Service ($ Bn)



The US is the **largest** revenue contributor for the global Ambulance Service market

In the US, Metropolitan Statistical Areas accounted for a share of

~ 76.79%

Absolute Growth (2023-2029)

80.65%

Incremental growth (2023-2029)

14.37 Bn

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EQUIPMENT INSIGHTS

EQUIPMENT SNAPSHOT

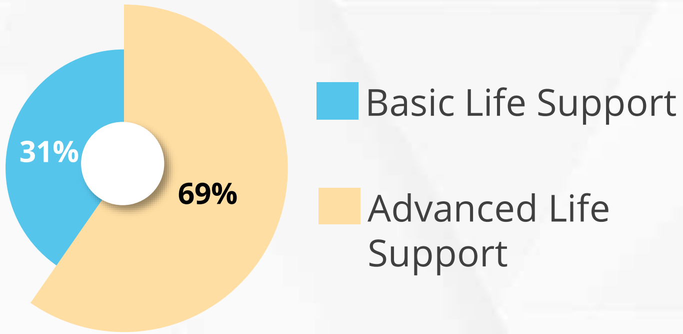
INDUSTRY OVERVIEW

MARKET GROWTH

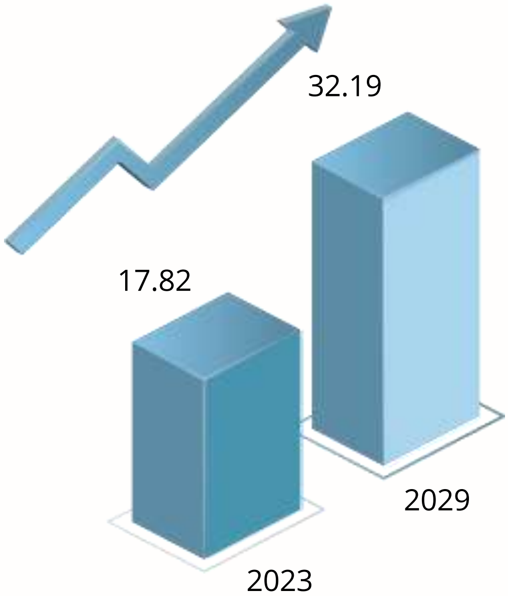
Advanced Life Support
The fastest growing segment with a CAGR of

10.64%

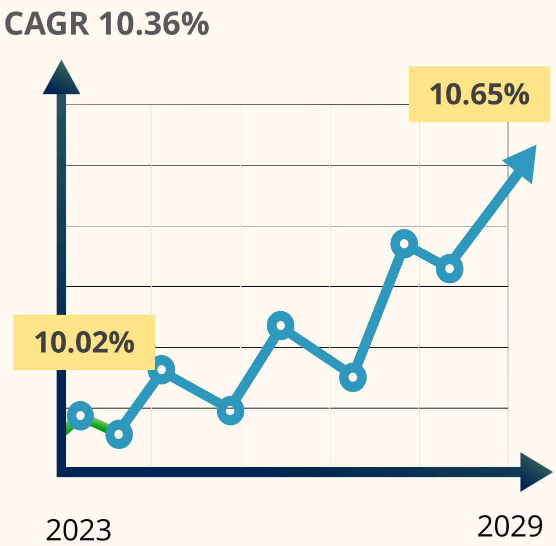
MARKET SHARE



PROJECTED REVENUE ($ Bn)



GROWTH RATE



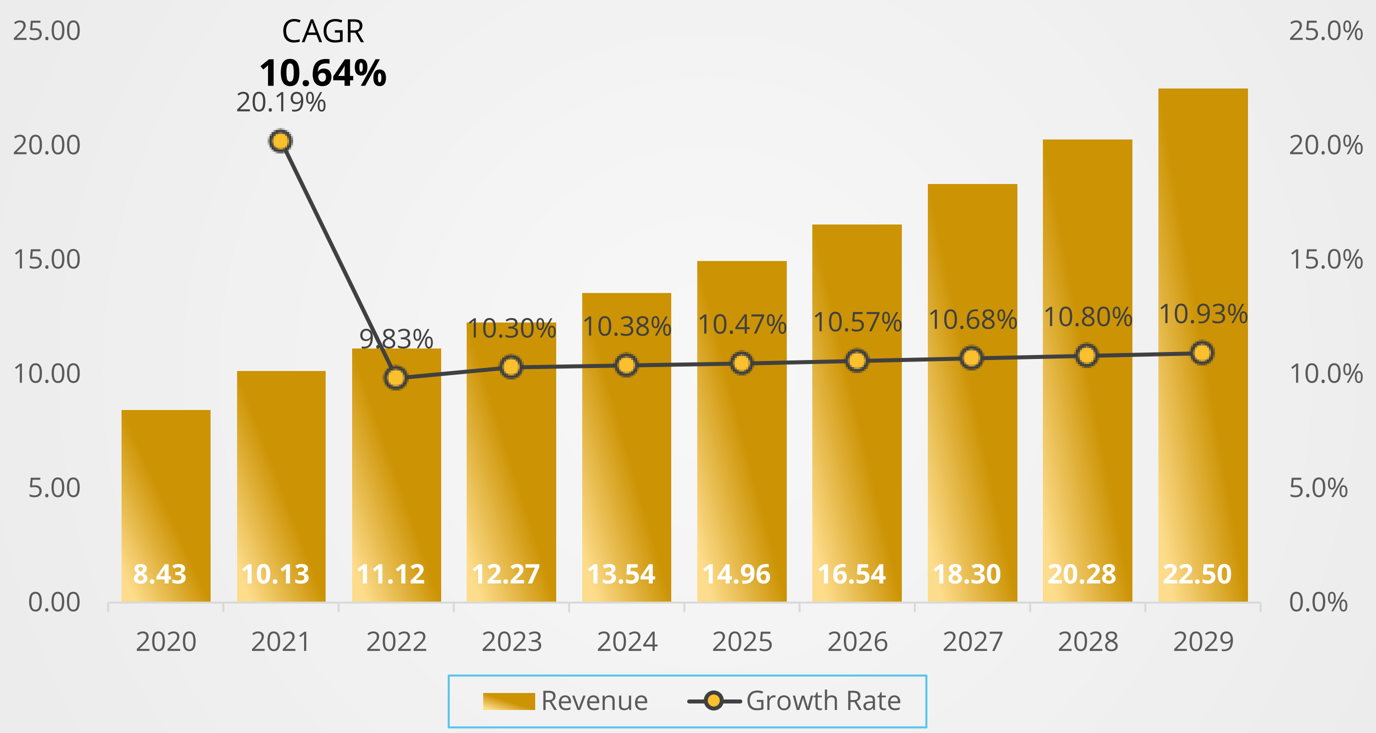
ADVANCED LIFE SUPPORT (1/2)

By equipment type, the advanced life support segment with **68.85%** market share and valued **$12.27 b**illion in 2023 and is growing at a **CAGR of 10.64%.**

- The advanced life support segment is the fastest growing segment that is expected to generate a revenue of $22.50 billion by the end of the forecast period.
- This segment is growing with an incremental growth of $10.23 billion and an absolute growth of 83.40% during the forecast period.
- This increase is because the population in the US is aging and are prone to more health disorders, which requires advanced life support services while transferring patients to ambulance.
- It is observed that the Advanced Life Support (ALS) services can provide advanced care including electrocardiogram (ECG), endotracheal intubation and parenteral medication administration.
- According to the American Heart Association, it is observed that approximately 10.4% of patients with Out-of-hospital Cardiac Arrest (OHCA) survive their initial hospitalization, and 8.2% survive with good functional status. The key drivers of successful resuscitation from OHCA are lay rescuer cardiopulmonary resuscitation (CPR) and public use of an automated external defibrillator (AED).
- The cost of ambulance with advanced life support may depend on the number of miles covered and it starts from $1,400 dollars if it is a private ambulance provider and the government ambulance provider for the same ALS costs starts from $750 dollars.
- The EMT or Paramedics staff attending the situation has huge impact on billing charges, as the ALS has the most experienced paramedics in ambulance.

MARKET SIZE & FORECAST (2/2)

Market Size & Forecast – Advanced Life Support ($ Bn)



Market share of Advanced Life Support Segment (2023)

~68.85%

Market share of Advanced Life Support Segment (2029)

~69.90%

Absolute Growth (2023-2029)

83.40%

Incremental growth (2023-2029)

10.23 Bn

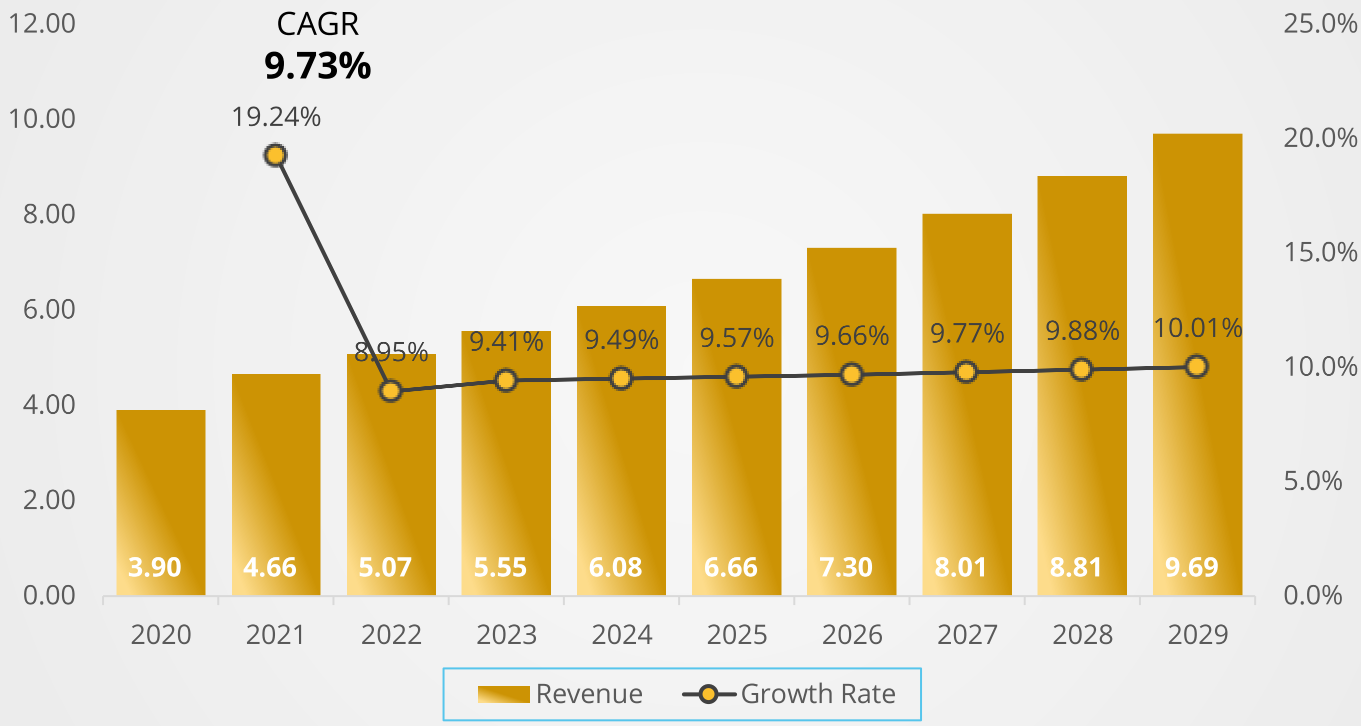
BASIC LIFE SUPPORT (1/2)

By equipment type, the basic life support segment with **31.15%** market share and valued **$5.55** billion in 2023 and is growing at a **CAGR of 9.73%.**

- The basic life support segment is expected to generate a revenue of $9.69 billion by the end of the forecast period.
- This segment is growing with an incremental growth of $4.14 billion and an absolute growth of 74.55% during the forecast period.
- There is a slight decrease in the occupancy during the forecast period and is attributed due to many reasons, including the increased adoption of advanced life support by the US population.
- The BLS typically include fractures or injuries, psychiatric patients or medical and surgical patients who do not need cardiac monitoring or respiratory interventions.
- It is observed that the percentage of emergency ground ambulance claims for the Basic Life Support (BLS) service was 48.5% in 2020, as per the Centres for Disease Control (CDC).
- According to the Centre for Disease Control (CDC), it is observed that the advanced life support (ALS) services made a large percentage of emergency ground ambulance claim lines than basic life support (BLS) services.
- The average charge for BLS emergency ground ambulance services has increased from $940 in 2020 to $1,200 in 2023, and this is expected to increase during the forecast period.
- It is observed that states including Delaware, New Jersey, Washington, and New York used a greater number of BLS services than ALS services as of 2020.
- It is observed that pressure ulcers, dementia, kidney failure, cerebrovascular diseases, sprains and fractures were the most diagnosed cases associated with the BLS emergency ground ambulance transport.

MARKET SIZE & FORECAST (2/2)

Market Size & Forecast – Basic Life Support ($ Bn)



Market share of Basic Life Support (2023)

~31.15%

Market share of Basic Life Support (2029)

~30.10%

Absolute Growth (2023-2029)

74.55%

Incremental growth (2023-2029)

4.14 Bn

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MODE OF TRANSPORT INSIGHTS

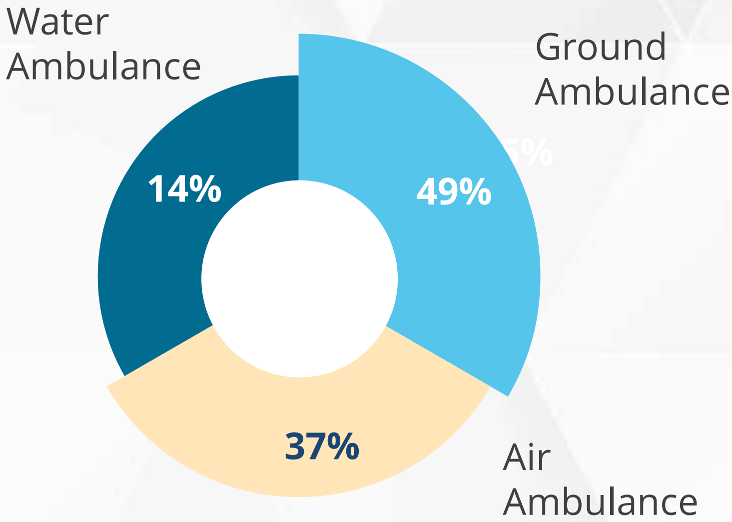
MODE OF TRANSPORT SNAPSHOT

INDUSTRY OVERVIEW

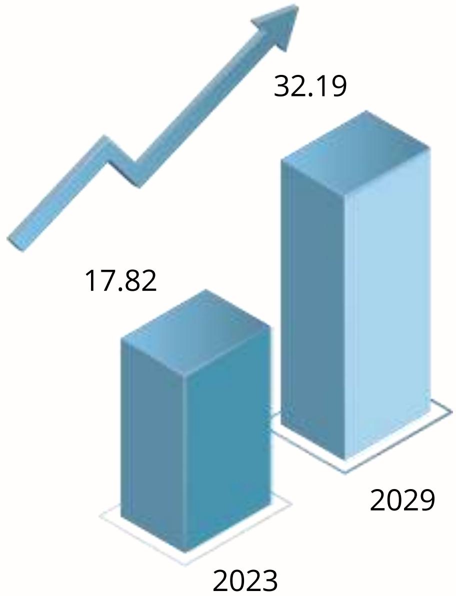
MARKET GROWTH

Air Ambulance
The fastest growing segment with a CAGR of
10.90%

KEY SEGMENTS

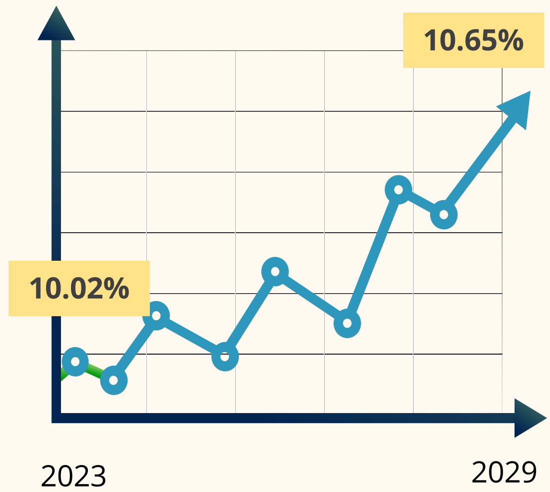


PROJECT REVENUE ($ Bn)



GROWTH RATE

CAGR 10.36%



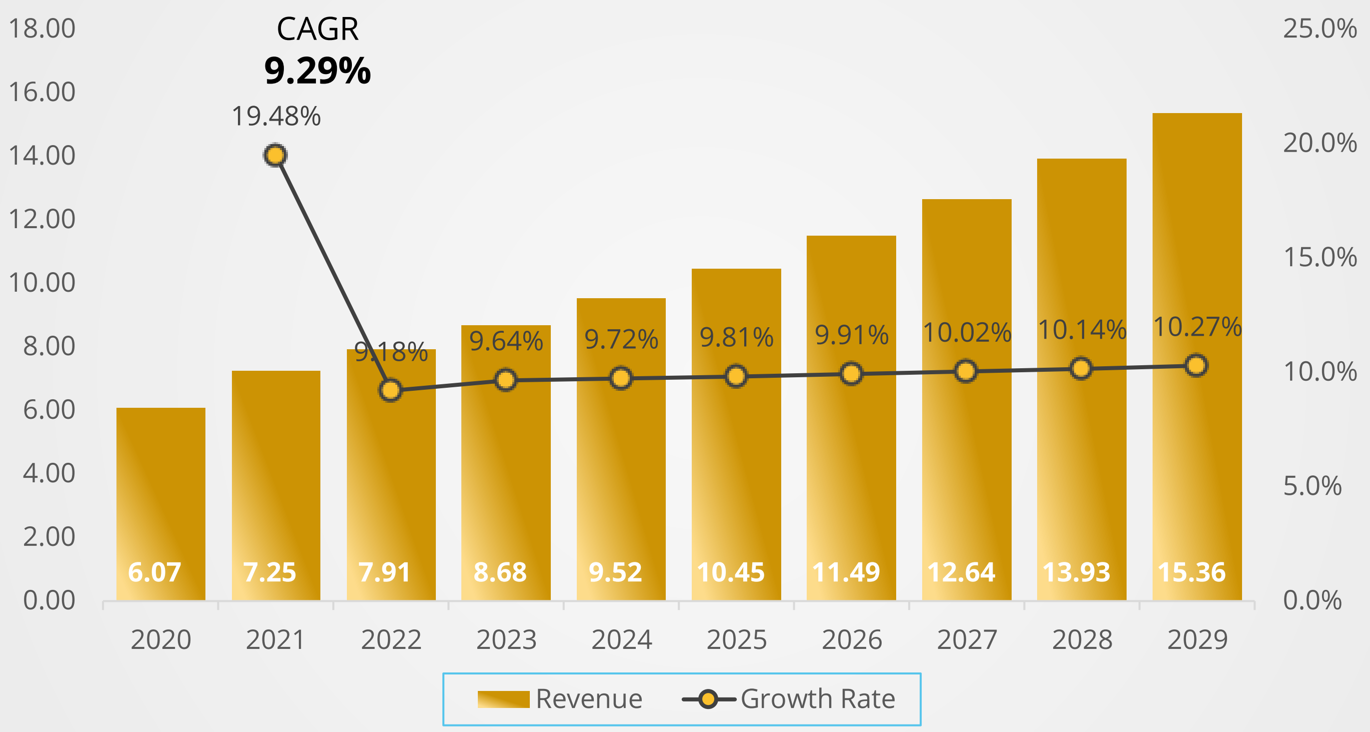
GROUND AMBULANCE (1/2)

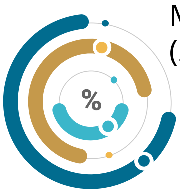
By mode of transport, the ground ambulance segment is dominating the market with **48.70%** market share and valued **$8.68** billion in 2023 and is growing at a **CAGR of 9.98%.**

- This segment is expected to generate a revenue of $15.36 billion by the end of the forecast period.
- The ground ambulance segment is growing with an incremental growth of $6.68 billion and an absolute growth of 76.98% during the forecast period.
- It is observed that there is a slight decrease in the market share occupancy to 47.71% by the end of the forecast period from 48.70% in 2020 due to the increased demand in the use of air ambulances across the US.
- It is observed that individuals who are 65 years and older were consistently the largest age group associated with emergency ground ambulance services, and females accounted for a larger share of emergency ground ambulance claim lines than males, except for the 0-18 and 51- 64 age groups.
- According to the CDC, 56.4 percent of the emergency ground ambulance claim lines were associated with females aged 65 years and older as of 2020.
- It is observed that an estimated three million privately insured patients are transported by ground ambulances to emergency rooms annually, and nearly two-thirds of ground ambulance rides are provided by local government agencies as of 2020.
- According to a report, it is estimated that 18.2 million people in the U.S. aged 20 and above are suffering from coronary artery disease, and the region's aging population is predicted to fuel the ground ambulance segment's expansion during the forecast period.
- According to the National Association of State Emergency Medical Services Officials (NASEMSO), more than 18,200 local EMS agencies respond to 911 calls for medical emergencies and injuries, utilizing nearly 73,500 ground vehicles such as ambulances and fire engines.

MARKET SIZE & FORECAST (2/2)

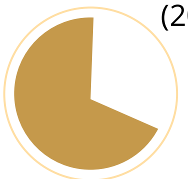
Market Size & Forecast – Ground Ambulance ($ Bn)





Market share of Ground Ambulance (2023)

~48.70%



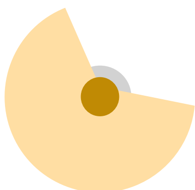
Market share of Ground Ambulance (2029)

~47.71%

Absolute Growth (2023-2029)

76.98%

Incremental growth (2023-2029)



6.68 Bn

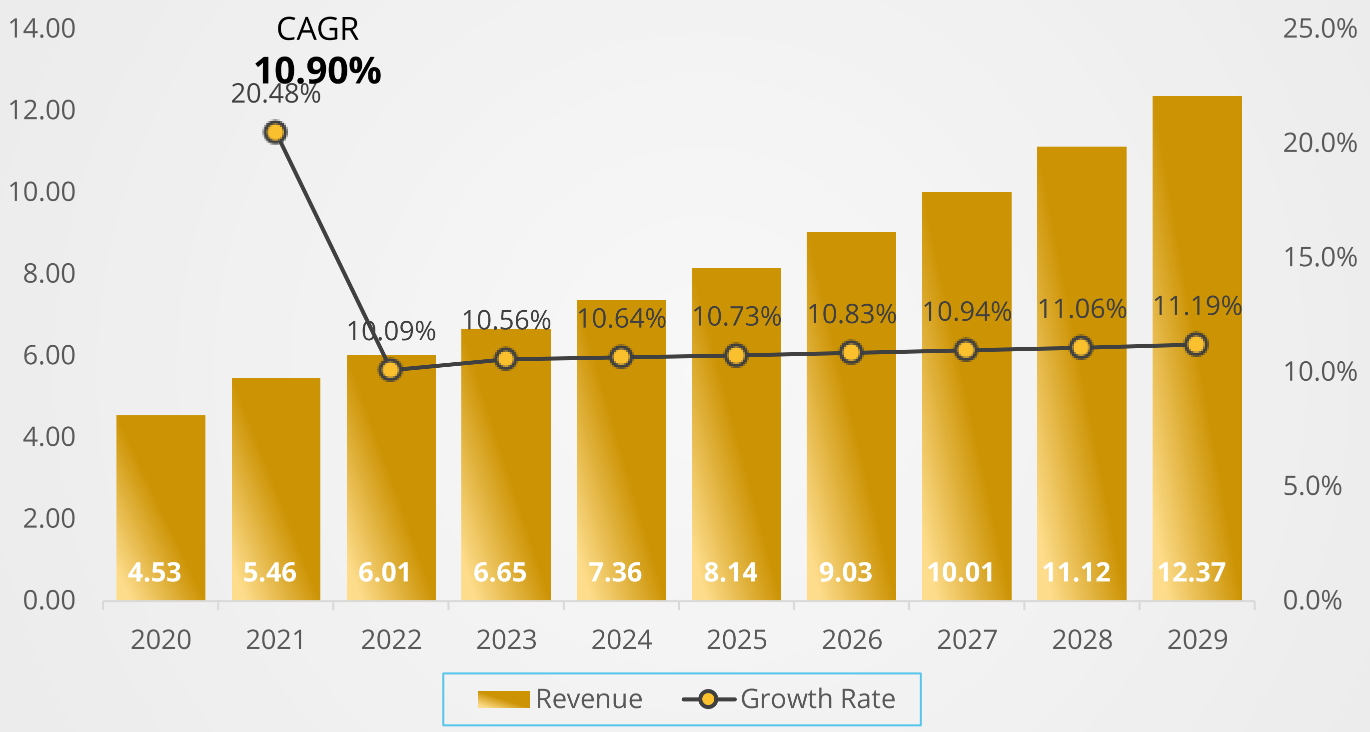
AIR AMBULANCE (1/2)

By mode of transport, the air ambulance segment accounted for **37.31%** market share and valued **$6.65** billion in 2023 and is growing at a **CAGR of 10.90%.**

- The air ambulance segment is the fastest growing and is expected to generate revenue of $12.37 billion by the end of the forecast period.
- The air ambulance segment is growing with an incremental growth of $5.72 billion and an absolute growth of 86.01% during the forecast period.
- The increase in this segment is attributed by many reasons, including the rising prevalence of chronic conditions such as cardiac arrests and the increasing accident cases across the US.
- Air ambulance services are faster compared to ground ambulance and water ambulance services and can rapidly reach remote areas where other ambulance services are unable to reach.
- As per the Association for Safe International Road Travel, it is observed that more than 46,000 people in the U.S. die annually due to road accidents, whereas around 4.4 million people are extremely injured.
- In 2021, Life Flight Network and Life Link III, two independent hospital-owned air ambulance programs, signed a letter of intent to launch a strategic alliance, which is a positive sign for the growth of the segment.
- More than 750 services are licensed by state EMS offices to fly patients using helicopters and fixed-wing aircraft to provide rapid transportation for critical care.
- It is observed that the COVID-19 pandemic had a positive impact on the air ambulance market, which can be attributed to the increase in demand for air ambulances during the pandemic.
- Helicopters are a good substitute for ground ambulances as they can land almost anywhere, including parks, fields, roads, cramped urban areas, and paved areas, but due to low fuel capacity, they have a short operating range.

MARKET SIZE & FORECAST (2/2)

Market Size & Forecast – Air Ambulance ($ Bn)



Market share of Air Ambulance (2023)

~37.31%

Market share of Air Ambulance (2029)

~38.42%

Absolute Growth (2023-2029)

86.01%

Incremental growth (2023-2029)

5.72 Bn

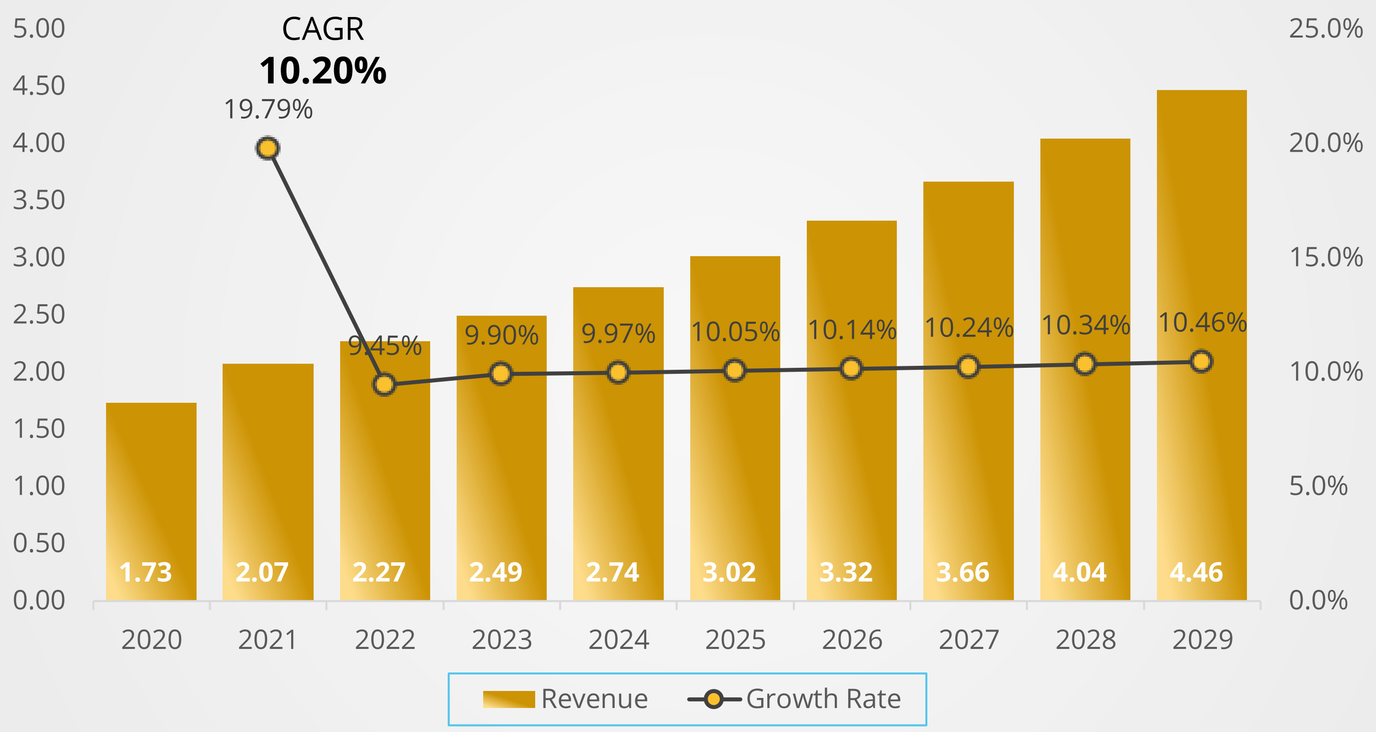
WATER AMBULANCE (1/2)

By mode of transport, the water ambulance segment accounted for **13.99%** market share and valued **$2.49** billion in 2023 and is growing at a **CAGR of 10.20%.**

- The water ambulance segment is expected to generate a revenue of $4.46 billion by the end of the forecast period.
- The water ambulance segment is growing with an incremental growth of $1.97 billion and absolute growth of 79.10% during the forecast period.
- It is observed that there is a slight decrease in the market share occupancy, which is due to the increasing demand for air ambulances across the US.
- According to the Journal of Emergency Medical Services, it is observed that through a close partnership among the Napa County Sheriff's Office, Napa County Fire/CALFIRE, the California Highway Patrol (CHP), and the Bureau of Reclamation, the Global Medical Response American Medical Response (AMR) and REACH Air Medical Services (REACH) Napa County EMS team was able to develop an innovative strategy to support drowning prevention efforts and rapidly increase the speed of advanced care to those in need.
- It is observed that the Napa County recently signed an agreement with Sun Communities to spend worth of $100 million to revitalize resorts and areas around Lake Berryessa.
- Water ambulance services are provided by boats that provide emergency medical assistance and services to remote areas that are surrounded by water and are accessible by boats in case of an emergency.
- These ambulance boats are very similar to traditional ambulances, as they are outfitted with all the necessary gadgets, including surgery equipment, a team of paramedics, ventilators, and other necessary equipment to provide aid to the victims.
- The natural disasters are expected to bolster the demand for water ambulance, which is also expected to contribute significantly to the water ambulance service's market growth.

MARKET SIZE & FORECAST (2/2)

Market Size & Forecast – Water Ambulance ($ Bn)



Market share of Water Ambulance (2023)

~13.99%

Market share of Water Ambulance (2029)

~13.87%

Absolute Growth (2023-2029)

79.10%

Incremental growth (2023-2029)

1.97 Bn

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SERVICE INSIGHTS

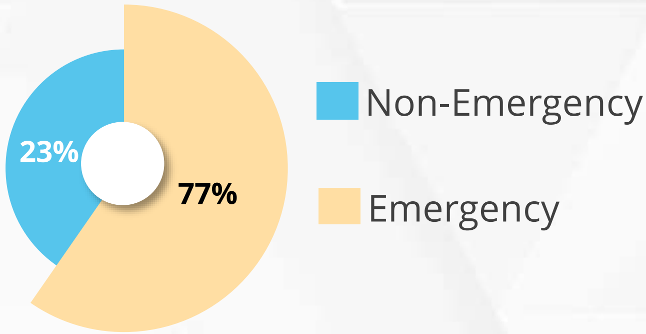
SERVICE SNAPSHOT

INDUSTRY OVERVIEW

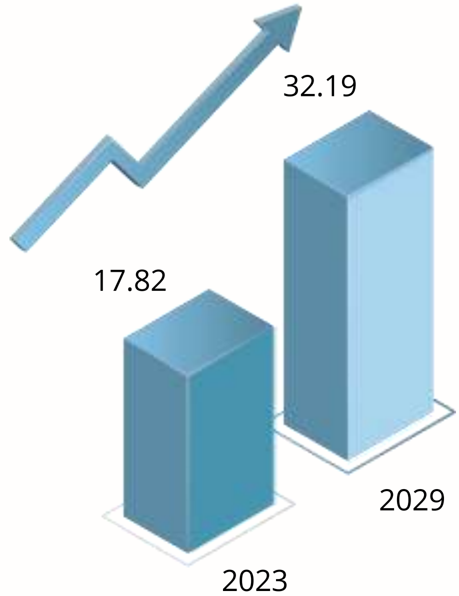
MARKET GROWTH

Emergency Service
The fastest growing segment with CAGR
10.54%

KEY SEGMENTS

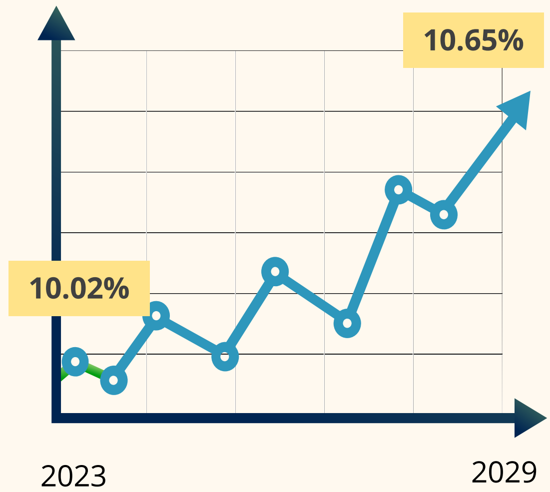


PROJECT REVENUE ($ Bn)



GROWTH RATE

CAGR 10.36%

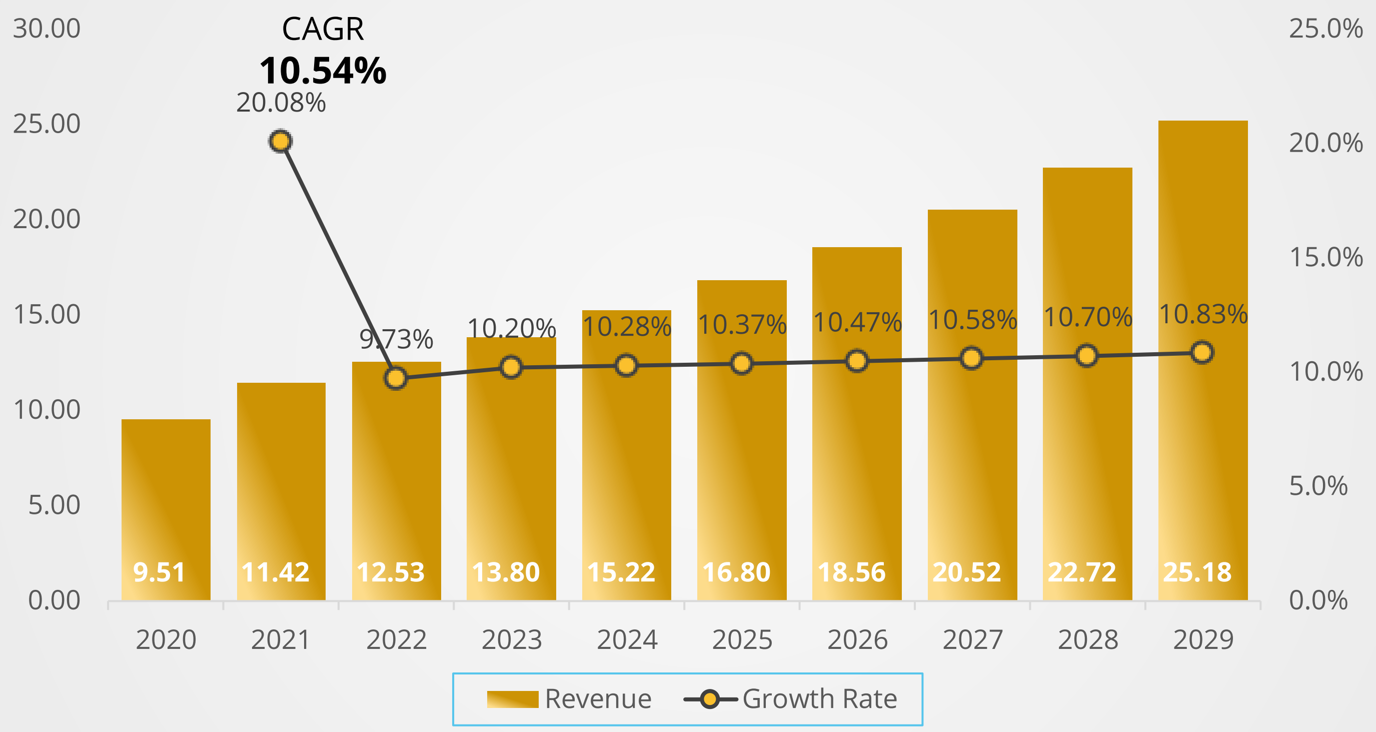


By service, the emergency service segment was valued at **$13.80** billion in 2023 and is expected to reach **$25.18** billion by 2029, growing at a **CAGR of 10.54%.**

- The emergency service segment is the fastest growing and dominated the market share occupancy that is expected to occupy 78.22% market share by the end of the forecast period.
- This segment is growing with an incremental growth of $11.37 billion and an absolute growth of 82.39% during the forecast period.
- The increase in the growth of the emergency services segment can be attributed due to many reasons, including the prevalence of cardiovascular diseases such as cardiac arrest, stroke, congestive heart failure, and rising cases of COVID-19 across the region.
- According to statistics by CDC, it is observed that around 3.4 million people in the U.S. suffer from epilepsy and more than 795,000 people in the U.S. have stroke annually.
- It is observed that according to UC Davis Health, firearm-related incidents result in 39,707 deaths in the U.S. This shows the need for emergency services, which is a positive sign for the growth in the market.
- According to Trek Medics International, the US has one of the most fragmented EMS systems in the industrialized world, with over 20,000 individual agencies nationwide, each with a special way of doing things just a little bit differently than the rest.
- According to ems.gov, Emergency Medical Services (EMS) do not exist in isolation. It operates at the crossroads of healthcare, public health, emergency management and public safety.
- EMS clinicians also play an important role in mental health and behavioural health crisis services. It is observed that the ideal crisis response model is an integrated service involving EMS, mental health professionals and sometimes law enforcement to provide caring and high-quality support to individuals experiencing a mental health crisis.

MARKET SIZE & FORECAST (2/2)

Market Size & Forecast – Emergency Service ($ Bn)



Market share of Emergency Service (2023)

~77.47%

Market share of Emergency Service (2029)

~78.22%

Absolute Growth (2023-2029)

82.39%

Incremental growth (2023- 2029)

11.37 Bn

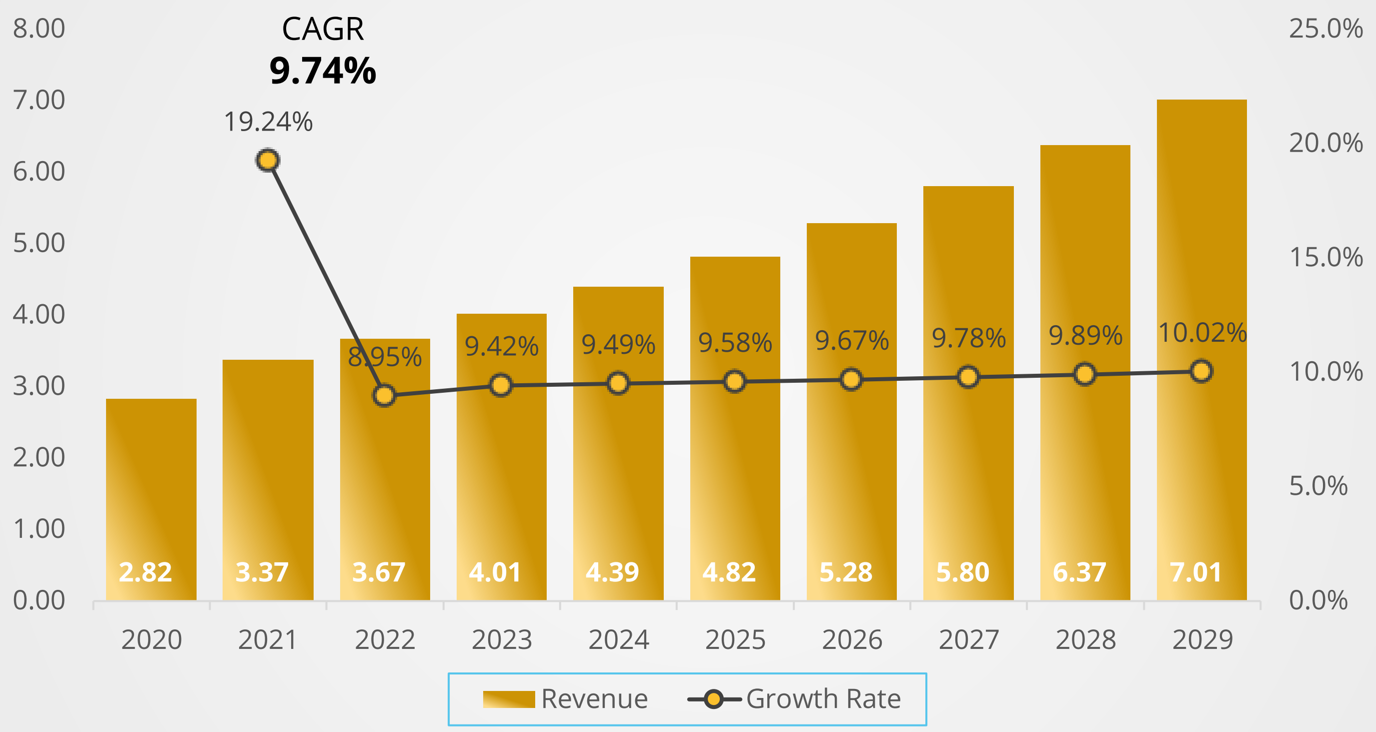
NON-EMERGENCY SERVICE (1/2)

By service, the non-emergency service segment accounted for **22.53%** market share and valued **$4.01** billion in 2023 and is growing at a **CAGR of 9.74%.**

- The non-emergency service segment is expected to generate a revenue of $7.01 billion by the end of the forecast period.
- The non-emergency service segment is growing with an incremental growth of $3.00 billion and an absolute growth of 74.64% during the forecast period.
- It is observed that there is a slight decrease in the market share occupancy from 22.90% in 2020 to 21.78% in 2029, and this is due to the increased demand for emergency medical services.
- According to a data published in American Journal of Public Health, nearly 5.8 million Americans miss or delay their healthcare due to lack of transportation and nearly 16,000 people per day in the US are not seeing their doctor.
- It is observed that in the US, about 85% of patients reported waiting up to 30 minutes past the scheduled time to see a doctor.
- Non-emergency medical transportation (NEMT) provides services to patients who have difficulty getting to and from medical appointments, behavioral health services, and social services as they are unable to access transportation on their own.
- According to the research conducted by the University of Kansas, it states that locations where ride-sharing services have been used saw a 7% decrease in the usage of ambulances.
- According to sources, it is observed that Non-Emergency Medical Transportation (NEMT) has already integrated into the healthcare system. Medicaid insurance plans cover NEMT services for seniors, older adults who live in rural areas, disabled people, and other low-income populations.

MARKET SIZE & FORECAST (2/2)

Market Size & Forecast – Non-Emergency Services ($ Bn)



Market share of Non-Emergency Service (2023)

~22.53%

Market share of Non-Emergency Service (2029)

~21.78%

Absolute Growth (2023-2029)

74.64%

Incremental growth (2023-2029)

3.00 Bn

Advisory & Intelligence

REGIONAL INSIGHTS

REGIONAL SNAPSHOT

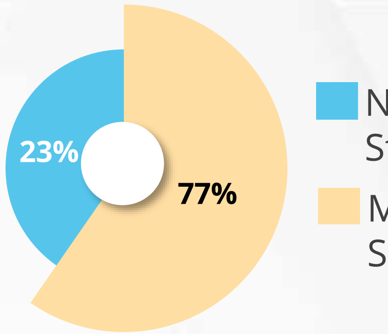
INDUSTRY OVERVIEW

MARKET GROWTH

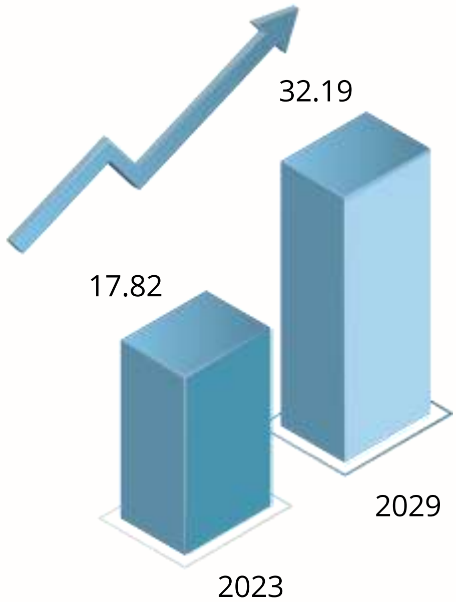
Metropolitan Statistical Areas
The fastest growing segment with a CAGR of

10.48%

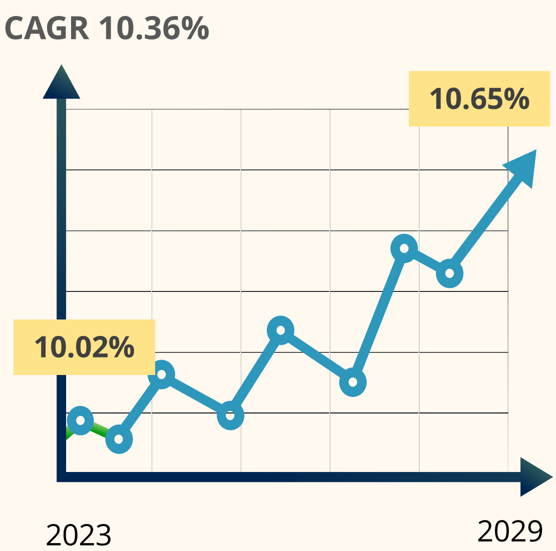
KEY SEGMENTS



PROJECT REVENUE ($ Bn)



GROWTH RATE



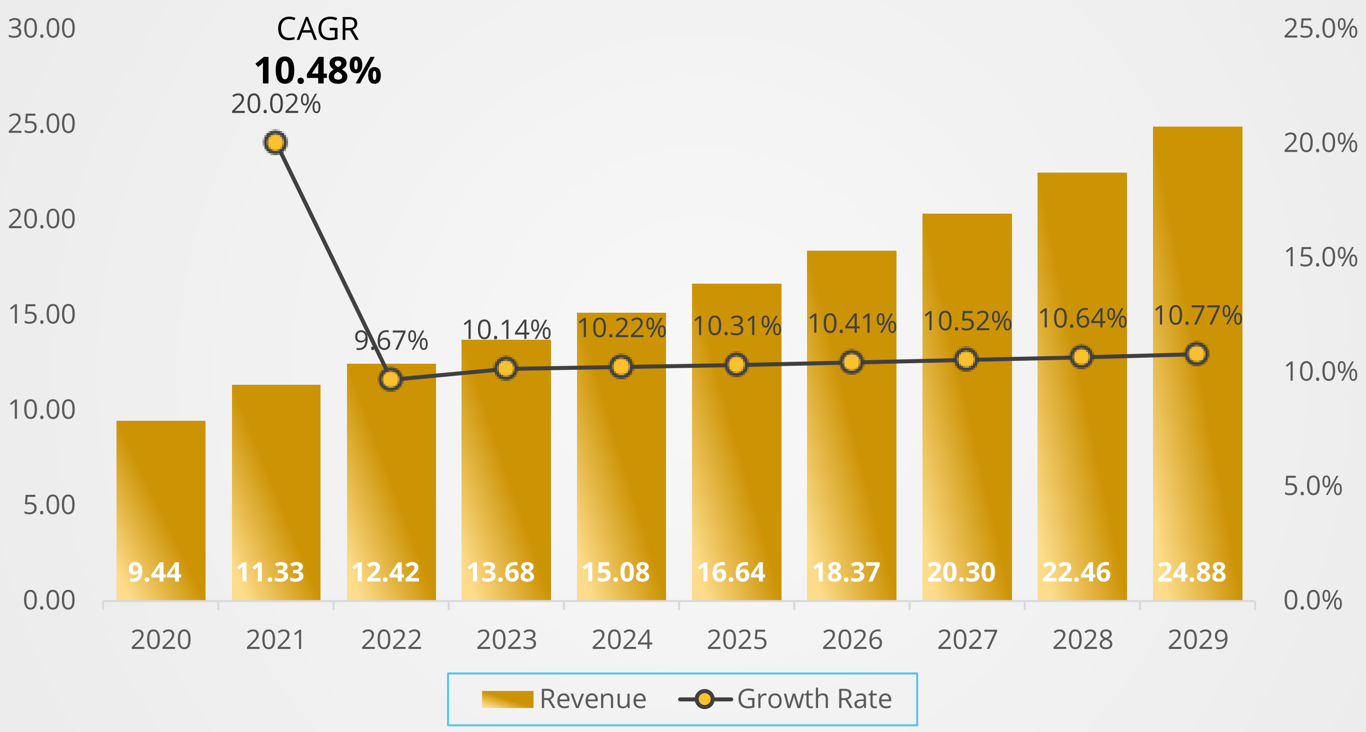
METROPOLITAN STATISTICAL AREAS (1/2)

By region, the metropolitan statistical areas were valued at **$13.68** billion in 2023 and is expected to reach **$24.88** billion by 2029, growing at a **CAGR of 10.48%.**

- The metropolitan statistical areas segment is dominating the market and is expected to generate a revenue of $24.88 billion by the end of the forecast period.
- The metropolitan statistical areas segment is the fastest growing with an incremental growth of $11.20 billion and an absolute growth of 81.84% during the forecast period.
- The increase in this segment is due to the presence of densely populated cities and medical requirements that the population of this area is utilizing, as the prevalence of diseases in these areas is more when compared to other.
- According to the United States Census Bureau, it is observed that as of July 2023, there were 387 metropolitan statistical areas and 538 micropolitan statistical areas in the US.
- New York is considered as the largest metropolitan area in the US and the population of the New York metropolitan area is estimated to be over 20 million people.
- The utilization of emergency medical services (EMS) and non-medical emergency services (NEMS) in these areas is more, as the population aged 60 and over residing in these areas is comparatively greater and the prevalence of diseases in these age groups is common.
- It is observed that the COVID-19 pandemic had a positive impact on the air ambulance market, which can be attributed to the increase in demand for air ambulances during the pandemic.

MARKET SIZE & FORECAST (2/2)

Market Size & Forecast – Metropolitan Statistical Areas ($ Bn)



Market share of Metropolitan Statistical Areas (2023)

~76.79%

Market share of Metropolitan Statistical Areas (2029)

~77.30%

Absolute Growth (2023-2029)

81.84%

Incremental growth (2023-2029)

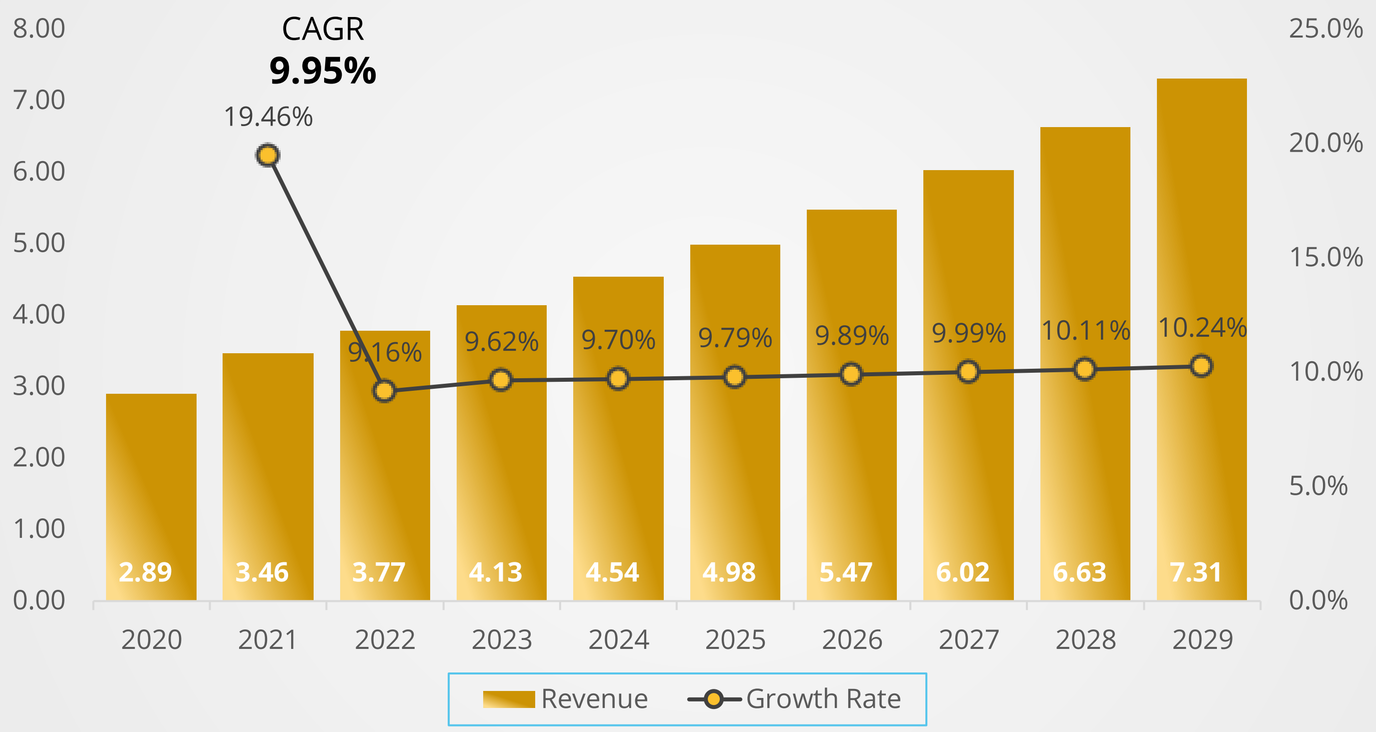
11.20 Bn

NON-METROPOLITAN STATISTICAL AREAS (1/2)

By region, the non-metropolitan statistical areas accounted for **23.21%** market share and valued **$4.13** billion in 2023 and is growing at a **CAGR of 9.95%.**

- The non-metropolitan statistical areas segment by region is expected to generate a revenue of $7.31 billion by the end of the forecasting period.
- The non-metropolitan statistical areas segment is growing with an incremental growth of $3.17 billion and an absolute growth of 76.70% during the forecast period.
- It is observed that there is a slight decrease in the market share occupancy from 23.21% in 2023 to 22.70% in 2029, and this is due to the increased use of ambulance services in metropolitan areas.
- The utilization of emergency medical services (EMS) and non-medical emergency services (NEMS) in these areas is relatively less as the population aged 60 and over residing in these areas is comparatively lesser and the prevalence of diseases in these age group is common.
- It is observed that there were 41,52,014 total incidents in the US during the year 2021-2022, which shows that in every 1,000 people approximately 161 people are using ambulance services.
- It is observed that pressure ulcers, dementia, kidney failure, cerebrovascular diseases, sprains and fractures were the most diagnosed cases associated with the BLS emergency ground ambulance transport.
- According to CDC, 56.4 percent of the emergency ground ambulance claim lines were associated with females aged 65 years and older as of 2020.

Market Size & Forecast – Non-Metropolitan Statistical Areas ($ Bn)



Market share of Non-Metropolitan Statistical Areas (2023)

~23.21%

Market share of Non-Metropolitan Statistical Areas (2029)

~22.70%

Absolute Growth (2020-2029)

76.70%

Incremental growth (2020-2029)

3.17 Bn

MARKET DYNAMICS

Introduction of Smart Ambulances

Smart ambulances are expected to be the future of the ambulance service market, as they are equipped with real-time connectivity with fast internet connection, RFID Technology, traffic monitoring through GPS, compatible with hospital equipment, and a user-friendly interface that provides easy accessibility to paramedics. The computing system is rich in diagnostic functionality and supports upgraded modules to prevent any compatibility issues. If any technical problem arises in the van, the intelligent tool connected to the engine sends an automated notification to the concerned authority for the fast arrangement of a substitute. The idea of automatic e-refueling of the ambulances is also under consideration. This involves refueling through the mobile application.

Rising Demand for Air Ambulance

Air ambulance services are faster as compared to ground ambulance and water ambulance services and can rapidly reach remote areas where other ambulance services are unable to reach. There is a rising prevalence of chronic conditions such as cardiac arrests and increasing cases of accidents across the US.

The number of active hospitals in the US increased to 6,093 in 2022, according to a data published by the American health association (AHA), and it is observed that there is a growing number of hospitals providing proper air ambulance facilities and improving medical facilities across various regions of the country.

Rising Elderly Population

According to the US Census Bureau, the older population in the US reached 55.8 million or 16.8% as of 2020. The rapid growth was largely driven by aging baby boomers who turned 65 years in 2011. The elderly people at this age needs emergency or non-emergency ambulance services and there is more concern for the incidence of diabetes among these elderly people who needs special care that is offered by consultants, and this provides vendors a chance to occupy the fastest growing market in the US.

MARKET DRIVERS

New Initiatives by the Government

Starting in 2022, there are new protections that prevent surprise medical bills. If you have private health insurance, these new protections ban the most common types of surprise bills. The ‘No Surprises Act’ protects people covered under group and individual health plans from receiving surprise medical bills when they receive most emergency services, non-emergency services from out-of-network providers at in-network facilities, and services from out-of-network air ambulance service providers. It also establishes an independent dispute resolution process for payment disputes between plans and providers and provides new dispute resolution opportunities for uninsured and self-pay individuals when they receive a medical bill that is substantially greater than the good faith estimate they get from the provider.

Increasing Chronic Diseases

The prevalence of chronic diseases is increasing due to various factors, such as aging population, obesity and diabetes etc. According to the World Health Organization (WHO), the global prevalence of diabetes since 1980 has increased drastically and is expected to increase even more in the future. It is observed that in 2020, there were approximately 19 billion new cases of cancer and is anticipated to reach 23 billion by 2030. These are positive factors for the elderly care service market as there is a huge opportunity for care providers to meet the upcoming demand for increased care among elders.

Rise in Inbound Medical Tourism

Inbound medical tourism in the US has been growing rapidly in recent years, as more and more foreign patients seek high-quality medical care in the world's leading economy. According to a report by Patients Beyond Borders, the US is the top destination for inbound medical tourism, attracting more than 1.4 million patients annually and generating over $14 billion in revenue. One of the biggest advantages of inbound medical tourism in the US is the high level of quality and safety in American healthcare. The US is home for most prestigious hospitals, medical centers, and healthcare professionals in the world, with a cutting-edge technology and a focus on patient-centered care.

Psychological Challenges to EMS Workers

The provision of emergency medical services (EMS) is an inherently stressful job. Depression, anxiety, and post-traumatic stress disorder (PTSD) are common psychological challenges affecting EMS providers. There is a scarcity of research focusing on EMS providers' psychological challenges in disaster times. This can hinder the market growth if not taken care of.

By emphasizing the need for mental health support, more research can be conducted to view EMS providers' perspectives on mental health needs before, during, and after disasters, and EMS policy makers can find programs to meet EMS providers' mental health needs, which might reflect positively on EMS and disaster management systems.

High Cost of Ambulance Rides

People who need ambulance transportation will now pay significantly more for the service if they do not have insurance to cover it. As of 2023, the rate of ambulance rides went up from $900 to $1,385 or a 54% increase. The average cost of ALS is about $1,300 while a BLS is about $950. The ambulance service is very costly, especially if the ambulance provider is out-of-network, which is less expensive than an alternative like air transport. Air medical transportation via helicopter, fixed-wing aircraft is necessary in some cases, such as difficult locations that can be accessed by only air and therefore costs more.

Work-Related Injuries to EMS Workers

Emergency medical services (EMS) workers are important to public health and safety. However, work-related injuries present a challenge to EMS worker productivity and retention. Research shows that EMS workers have higher rates of work-related injuries than general workforce, and three times the lost workday rate of all private-industry workers. More than 22,000 EMS workers visit emergency departments each year for work-related injuries.

It is observed that 6,000 workers are injured every year due to excessive physical effort and awkward posture; 4,000 are injured due to slips, trips and falls; 2,000 are injured due to motor vehicle incidents; 6,000 are injured due to exposure to harmful substances; 2,000 are injured due to violence/assaults every year.

COMPETITIVE LANDSCAPE

COMPETITIVE LANDSCAPE

RANKING

AirMedicalGroup Holdings

AirMedicalGroup Holdings is the major public ambulance providers across the U.S.

Medstar Ambulance

Medstar Ambulance occupies a prominent position in the U.S Ambulance Service Market.

RuralMetro

RuralMetro Service is one of the top providers in the U.S.

- The ambulance services market is fragmented due to the presence of few companies operating globally and regionally. A dynamic interplay of key players categorizes the market's competitive landscape, each striving to provide efficient, and high-quality emergency medical response services.
- Leading companies are investing in advanced technologies to improve service delivery. They integrate real-time communication systems, GPS tracking, telemedicine solutions, and electronic health records to streamline operations, enhance response times, and provide more accurate patient care.
- Moreover, market leaders focus on geographic expansion to increase their coverage and reach. By establishing new ambulance stations, partnering with local healthcare providers, and expanding their service area, they ensure they can respond quickly to emergencies in a broader range of locations.
- Air Medical's subsidiaries transport more than 75,000 critically injured patients each year through a fleet of helicopters and airplanes that operate 24 hours a day and seven days a week. In addition, Air Medical provides over 120,000 ground transports on an annual basis.
- Air Medical Group Holdings, Rural/Metro Corp, Medstar Ambulance, Acadian Medical Response, AirEvac are some top ambulance service providers across the US, providing emergency services to the people in need. The modern aircraft, highly skilled medical teams, extensive reach, and round-the-clock availability define them as leaders in the field.

Acadian Ambulance Service

Acadian Ambulance Service is an integral part of the NSW Health System delivering mobile health services and providing high quality clinical care, rescue, and retrieval services to those people of NSW with emergency and medical health needs. Its services are provided through ground ambulance, air ambulance, advanced life support and intensive vehicles. It is headquartered in New South Wales, US.

Service Offerings:

1. Emergency Transport
2. Specialized Transport
3. Air Services

Air Medical Group Holdings

Air Medical specializes in providing emergency transportation services to individuals with critical health issues or injuries who are located far from hospitals and to be transported by ground. Air Medical's subsidiaries transport more than 75,000 critically injured patients each year through a fleet of helicopters and airplanes that operate 24 hours a day and seven days a week. In addition, Air Medical provides over 120,000 ground transports on an annual basis. It is acquired by Kohlberg Kravis Roberts (KKR) in 2015. It is headquartered in the US.

Service Offerings:

1. Air Ambulance
2. Patient Transport
3. Emergency Management

Rural/Metro Corporation

Rural/Metro Corporation is an ambulance service provider offers 911 emergency response services, as well as non-emergency ambulance transport nationwide. It earns revenue from commercial insurers, government programs, and individuals who use its services. Rural/Metro also offers firefighting services to rural property owners, airports, and industrial complexes. Envision Healthcare acquired Rural/Metro from Warburg Pincus in 2015.

Service Offerings:

1. Fire Protection
2. Medical Emergencies Services

KEY COMPANY PROFILES (2/2)

Medstar

Medstar is Michigan's most integrated Emergency Medical Service (EMS) and mobile healthcare provider. The company offers its services including critical care, air medical transport, wheelchair, ambulatory transport, mobile health, and community paramedic services. It is headquartered in Michigan, US.

Service Offerings:

1. Community Paramedic Services
2. Specialized Transport
3. Air Medical Transport

AirEvac International

AirEvac International is a trusted and NAAMTA accredited air ambulance medical transportation provider. The services include domestic and worldwide air ambulance, medical repatriations, critical care transports, emergency international medical evacuations and commercial medical escorts. Its services are offered in areas including Caribbean, Central America, North America, South America and private Islands. It is headquartered in Arizona, US.

Service Offerings:

1. Air Ambulance Service
2. Ambulance service

Ambulnz

Ambulnz specializes in offering a full suite of Mobile Health home medical services to patients, and even build the first ever Hoverlance, which is a concept vehicle that establishes a bold vision for the future of emergency services. The company provides its services in over 26 US states and across the UK. It is headquartered in New York, US.

Service Offerings:

1. Advanced Life Support
2. Basic Life Support
3. Critical Care Transport

Advisory & Intelligence

EXECUTIVE SUMMARY

AMBULANCE SERVICES MARKET OVERVIEW

EQUIPMENT INSIGHTS

MODE OF TRANSPORT INSIGHTS

SERVICE INSIGHTS

REGIONAL INSIGHTS

MARKET DYNAMICS

COMPETITIVE LANDSCAPE

OTHER KEY COMPANY PROFILES

STRATEGIC RECOMMENDATIONS

QUANTITATIVE SUMMARY

OTHER PROMINENT VENDORS

Air Methods

Air Methods specializes in providing helicopter air ambulance services. It offers pilots, clinicians, mechanics, air communications specialists, and support teams services. The company maintains equipment and supplies, coordinates logistics, and provides medical tools and expertise. The company is headquartered in Colorado, US.

Service Offerings:

1. Air Medical Transportation

American Air Ambulance

American Air Ambulance specializes in providing air care service and a leader for medical air transportation internationally. Its services include commercial air escort, Amtrak train escort, long distance ground, and air ambulance services across the US and internationally. It is headquartered in Florida, US.

Service Offerings:

1. Commercial Air Escort
2. Air Ambulance
3. Long Distance Ground

Royal Ambulance

Royal Ambulance specializes in providing critical care transport, basic life support, and non-medical transport services. The company was founded in 2006. The company's EMTs and operation staffs are taught best practices and principles from undisputed experts in customer experience. It is headquartered in California, US.

Service Offerings:

1. Independent Living
2. Assisted Living
3. Memory care.

OTHER COMPANY PROFILES (2/5)

PHI Air Medical

PHI Air Medical is a leading provider of air ambulance services across the country, providing air medical services and outreach education to local communities and leading healthcare systems. The company safely transports more than 30,000 patients each year, operating out of more than 65 bases across the US. The company has a dedicated crew of pilots, nurses, paramedics, and communications specialists. The company is headquartered in Arizona, US.

Service Offerings:

1. Air Ambulance

Falck

Falck is one of the leading international providers of ambulance and healthcare services. The company has worked with local and national governments to prevent accidents, diseases, and to rescue and assist people in emergencies and to rehabilitate people after illness or injury. The company operates in 35 countries. The company is headquartered in Denmark.

Service Offerings:

1. Ambulance Services
2. Fire Services

Air Ambulance Worldwide

Air Ambulance Worldwide is a privately held corporation that provides fixed-wing air ambulance transportation service to private individuals and family members, nursing homes, cost-containment companies, medical assist companies, hospitals, and other providers. The company offers its services including air ambulance, medical escort, medical flights, non-emergency medical transport, and medevac. It is headquartered in Florida, US.

Service Offerings:

1. Air Ambulance
2. Non-Emergency Medical Transport

American Medical Response

American Medical Response (AMR) is a large, private ambulance company in the US that specializes and provides emergency medical services (911), non-emergency and managed transportation, rotary and fixed-wing air ambulance services, and disaster response in many areas across the US. It is headquartered in Colorado, US.

Service Offerings:

1. Medical & Security Services
2. Air Ambulance

SeniorCare EMS

SeniorCare Emergency Medical Services specializes in providing emergency and non-emergency response & transportation services for the geriatric population. The company offers basic life support, disaster management, advanced life support, critical care transports, and interstate transport. The company is headquartered in New York, US.

Service Offerings:

1. Advanced Life Support
2. Basic Life Support
3. Critical Care

Metro West Ambulance

Metro West Ambulance specializes in providing emergency and non-emergency medical care and transports sick and injured patients. The company is a leader in healthcare and transportation services, and it works closely with hospital groups, long-term care providers, and allied healthcare organizations. The company offers its services including advanced life support, basic life support, critical care transport, wheelchair transport, secure transport, and mobile health program. It is headquartered in Oregon, US.

Service Offerings:

1. Transport Services
2. Medical services

RIT Ambulance

RIT Ambulance is a student run Emergency Medical Service (EMS) organization that responds to medical needs of the RIT community. The company offers basic life support. RIT Ambulance provides standbys for concerts, sporting events, and other social gatherings for the RIT community. It is headquartered in New York, US.

Service Offerings:

1. Basic Life Support

Mohawk Ambulance Service

Mohawk Ambulance Service specializes in providing the highest standard of emergency medical services. Mohawk Ambulance Service is the largest privately-owned ambulance service. The company operates in six emergency centers located in Albany, Brunswick, Glenville, Schenectady, and Troy. The company offers its services including non-emergency transportation, private training for hospitals, specialty care transportation, and event standby services. It is headquartered in New York, US.

Service Offerings:

1. Non-emergency Medical Transportation
2. Event Standby Services

McKeesport Ambulance Rescue Service

Mckeesport ambulance rescue service specializes in providing emergency medical and patient transport services to the City of McKeesport and several surrounding municipalities. It is headquartered in Pennsylvania, US.

Service Offerings:

1. Ambulance Services

Guardian Flight

Guardian Flight is a leading provider of air medical services, transporting patients from remote and rural settings and hospitals to large, tertiary-care facilities in metropolitan areas. The company is part of the Global Medical Response family, the industry-leading air, ground, specialty and residential fire services and managed medical transportation organization. It is headquartered in Texas, US.

Service Offerings:

1. Emergent Air Operations

Apollo MedFlight

Apollo MedFlight specializes in providing air medical transportation services. The company offers 24-hour emergency and non-emergency transporting by rotor-wing and fixed-wing aircraft. It serves patients ranging from those requiring minor medical monitoring to those needing intensive in-flight care. Its services include basic life support, advanced cardiac life support, pediatric advanced life support, pre-hospital trauma life support, neonatal resuscitation etc. It is headquartered in Texas, US.

Service Offerings:

1. Air Medical services

Life Flight Network

Life Flight Network specializes in providing air and ground medical transport to seriously ill or injured patients. The company provides its service and supports to patients, hospitals, and EMS, ensuring all patients receive the highest quality care and transport. The company offers its services including air medical transport, and ground medical transport. It is headquartered in Oregon, US.

Service Offerings:

1. Air Medical Transport
2. Ground Medical Transport

Advisory & Intelligence

STRATEGIC RECOMMENDATIONS

STRATEGIC RECOMMENDATIONS

Focus on Inorganic Growth Opportunities

Public and private emergency transport vehicle providers must focus on inorganic growth strategies to ensure a sustainable market presence.

Focus on Developing Futuristic Ambulances

Vendors must focus on developing ambulances that are futuristic, smart and well equipped with devices and paramedics that are needed to take care of patients prior to hospitalizing.

Focus on Providing Care to EMS Workers

Emergency medical services (EMS) workers are important to public health and safety. Promote a culture of safety by requiring practices to help keep EMS workers safe and maintaining a reporting system to capture and monitor injuries and near misses.

Rising Income & Healthcare Expenditure

The rising income and healthcare expenditure among 65 and above age will be the next opportunity for ambulance service providers.

QUANTITATIVE SUMMARY

QUANTITATIVE SUMMARY (1/2)

MARKET SIZE & FORECAST ($ BILLION)

TOTAL MARKET SIZE	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	CAGR
REVENUE	12.33	14.78	16.19	17.82	19.62	21.62	23.84	26.32	29.09	32.19	10.36%

EQUIPMENT: MARKET SIZE & FORECAST ($ BILLION)

PARTICULAR	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	CAGR
ADVANCED LIFE SUPPORT	8.43	10.13	11.12	12.27	13.54	14.96	16.54	18.30	20.28	22.50	10.64%
BASIC LIFE SUPPORT	3.90	4.66	5.07	5.55	6.08	6.66	7.30	8.01	8.81	9.69	9.73%
TOTAL	12.33	14.78	16.19	17.82	19.62	21.62	23.84	26.32	29.09	32.19	10.36%

MODE OF TRANSPORT: MARKET SIZE & FORECAST ($ BILLION)

PARTICULAR	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	CAGR
GROUND AMBULANCE	6.07	7.25	7.91	8.68	9.52	10.45	11.49	12.64	13.93	15.36	9.98%
AIR AMBULANCE	4.53	5.46	6.01	6.65	7.36	8.14	9.03	10.01	11.12	12.37	10.90%
WATER AMBULANCE	1.73	2.07	2.27	2.49	2.74	3.02	3.32	3.66	4.04	4.46	10.20%
TOTAL	12.33	14.78	16.19	17.82	19.62	21.62	23.84	26.32	29.09	32.19	10.36%

QUANTITATIVE SUMMARY (2/2)

SERVICE: MARKET SIZE & FORECAST ($ BILLION)

PARTICULAR	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	CAGR
EMERGENCY	9.51	11.42	12.53	13.80	15.22	16.80	18.56	20.52	22.72	25.18	10.54%
NON-EMERGENCY	2.82	3.37	3.67	4.01	4.39	4.82	5.28	5.80	6.37	7.01	9.74%
TOTAL	12.33	14.78	16.19	17.82	19.62	21.62	23.84	26.32	29.09	32.19	10.36%

REGION: MARKET SIZE & FORECAST ($ BILLION)

PARTICULAR	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	CAGR
METROPOLITAN STATISTICAL AREAS	9.44	1.33	12.42	13.68	15.08	16.64	18.37	20.30	22.46	24.88	10.48%
NON-METROPOLITAN STATISTICAL AREAS	2.89	3.46	3.77	4.13	4.54	4.98	5.47	6.02	6.63	7.31	9.95%
TOTAL	12.33	14.78	16.19	17.82	19.62	21.62	23.84	26.32	29.09	32.19	10.36%

LIST OF ABBREVIATIONS

AHA	American Health Association
ALS	Advanced Life Support
BLS	Basic Life Support
EMS	Emergency Medical Services
NHTSA	National Highway Traffic Safety Administration
NEMT	Non-Emergency Medical Transportation
NASEMSO	National Association of State Emergency Medical Services Officials
OHCA	Out-of-Hospital Cardiac Arrest
CPR	Cardiopulmonary Resuscitation
WHO	World Health Organization

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THANK YOU

US AMBULANCE SERVICES MARKET – FOCUSED INSIGHTS

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