

# **North America Sterilization Services Market Forecast to 2030 – Regional Analysis – by Mode of Delivery (Offsite Sterilization Services and Onsite Sterilization Services), Method (Ethylene Oxide, Chlorine Dioxide, Gamma Ray, Electron Beam, Autoclave Steam, and Others), Service Type (Contract sterilization and microbial reduction services, Testing and Validation Services, Equipment, and Others), and End User (Medical Device Companies, Pharmaceutical and Biopharmaceutical Companies, Food and Beverage, Hospitals and Clinics, and Others)**

<https://marketpublishers.com/r/NBCFB5A2F0F1EN.html>

Date: January 2024

Pages: 90

Price: US\$ 3,550.00 (Single User License)

ID: NBCFB5A2F0F1EN

## **Abstracts**

The North America sterilization services market was valued at US\$ 1,344.51 million in 2022 and is expected to reach US\$ 2,520.87 million by 2030; it is estimated to grow at a CAGR of 8.2% from 2022 to 2030.

**Increasing Prevalence of Healthcare-Associated Infections Fuels the North America Sterilization Services Market**

Millions of people worldwide get affected by healthcare-associated infections (HAIs) while receiving health treatments. Factors such as inadequate hygiene environment conditions, poor infrastructure, insufficient equipment, absence of guidelines, and lack of knowledge regarding infection control measures increase the prevalence of HAIs. According to the 2021 National and State HAIs Progress Report released by the Centers for Disease Control and Prevention (CDC), HAIs increased significantly during 2020–2021 in a few healthcare settings. Changes in standardized infection ratio among acute care hospitals from 2020 to 2021 include a 14% increase in methicillin-resistant

Staphylococcus aureus bacteremia, 12% increase in ventilator-associated events, 11% increase in surgical site infections (SSIs) following abdominal hysterectomy, 7% increase in central line-associated bloodstream infections, 5% increase in catheter-associated urinary tract infections, and 3% decrease in C. difficile infection. According to an article published by NCBI in 2022, HAIs in developing countries revealed an overall prevalence of up to 15.5%. Furthermore, in critically ill patients, the prevalence of HAIs has been reported as high as 34.1%.

The common HAIs caused by inadequate sterilization procedures are hepatitis B and C, SSIs, HIV infections, urinary and vascular catheter-associated infections, and ventilator-associated infections. Healthcare-associated infections create additional suffering for patients, increase hospital stays with high cost, and resist the function of antimicrobials. According to MDPI, in the US, HAI costs nearly US\$ 10–33 billion annually, and in Europe, HAI costs exceed US\$ 8.2 billion (? 7 billion) annually.

As per the WHO, some of the important factors regarding healthcare-associated infections are mentioned below:

Out of every 100 hospitalized patients, 7 in developed and 10 in developing countries are expected to acquire at least one healthcare-associated infection. Urinary tract infection is the most common healthcare-associated infection in high-income countries. In low- and middle-income countries, ICU-acquired infection is ~2–3 fold higher than in high-income countries. Whereas in high-income countries, ICU-acquired infection affects ~30% of patients with at least one healthcare-associated infection. In developing countries, newborns are 20 times more prone to acquire healthcare-associated infection than in developed countries. The facts above highlight the importance of sterilization in healthcare to prevent HAIs. Lack of sterilization in surgical instruments and reusable objects such as endoscopic devices, respiratory care devices, and hemodialysis devices leads to HAIs. Several countries are paying attention to maintain a sterilized environment and are investing resources to strengthen sterilization services owing to the widespread epidemics and increasing awareness regarding antimicrobial resistance. Thus, all these factors collectively drive the adoption of sterilization services worldwide.

#### North America Sterilization Services Market Overview

The North America sterilization services market has been segmented into the US, Canada, and Mexico. The growth of the sterilization services market in the US is determined due to factors such as the easy increasing prevalence of healthcare-associated infections, and a rising number of surgical procedures is dominating the sterilization services market across the region.

The market in Canada and Mexico is expected to grow due to the increasing number of surgical procedures that are likely to severe as the growth of the sterilization services market during the forecast period.

#### North America Sterilization Services Market Revenue and Forecast to 2030 (US\$ Mn)

## North America Sterilization Services Market Segmentation

The North America sterilization services market is segmented into mode of delivery, method, service type, end user, and country.

Based on mode of delivery, the North America sterilization services market is bifurcated into offsite sterilization services and onsite sterilization services. The offsite sterilization services segment held a larger market share in 2022.

Based on method, the North America sterilization services market is divided into ethylene oxide, chlorine dioxide, gamma ray, electron beam, autoclave steam, and others. The ethylene oxide segment held the largest market share in 2022.

Based on service type, the North America sterilization services market is segmented into contract sterilization and microbial reduction services, testing and validation services, equipment, and others. The contract sterilization and microbial reduction services segment held the largest market share in 2022.

Based on end user, the North America sterilization services market is divided into medical device companies, pharmaceutical and biopharmaceutical companies, food and beverage, hospitals and clinics, and others. The medical device companies segment held the largest market share in 2022.

Based on country, the North America sterilization services market is segmented into the US, Canada, and Mexico. The US dominated the North America sterilization services market share in 2022.

Boulder Sterilization, ClorDiSys Solutions Inc, Consolidated Sterilizer Systems, Cosmed Group, Cretex Medical, E-BEAM Services Inc, Life Science Outsourcing Inc., Midwest Sterilization Corporation, Sotera Health Company, and Steris Plc are some of the leading companies operating in the North America sterilization services market.

## Contents

### **1. INTRODUCTION**

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. NORTH AMERICA STERILIZATION SERVICES MARKET LANDSCAPE**

- 4.1 Overview
- 4.2 North America PEST Analysis

### **5. NORTH AMERICA STERILIZATION SERVICES MARKET - KEY INDUSTRY DYNAMICS**

- 5.1 Market Drivers
  - 5.1.1 Increasing Prevalence of Healthcare-Associated Infections
  - 5.1.2 Growing Number of Surgical Procedures
- 5.2 Market Restraints
  - 5.2.1 Stringent Regulation Regarding Chemical Emission
- 5.3 Market Opportunities
  - 5.3.1 Growing Medical Device Industry
- 5.4 Future Trends
  - 5.4.1 Constant Developments in Sterilization Technology
- 5.5 Impact Analysis

### **6. STERILIZATION SERVICES MARKET - NORTH AMERICA MARKET ANALYSIS**

- 6.1 North America Sterilization Services Market Revenue (US\$ Mn), 2022 – 2030

## **7. NORTH AMERICA STERILIZATION SERVICES MARKET – REVENUE AND FORECAST TO 2030 – BY MODE OF DELIVERY**

### 7.1 Overview

### 7.2 North America Sterilization Services Market Revenue Share, by Mode of Delivery 2022 & 2030 (%)

### 7.3 Offsite Sterilization Services

#### 7.3.1 Overview

#### 7.3.2 Offsite Sterilization Services: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

### 7.4 Onsite Sterilization Services

#### 7.4.1 Overview

#### 7.4.2 Onsite Sterilization Services: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

## **8. NORTH AMERICA STERILIZATION SERVICES MARKET – REVENUE AND FORECAST TO 2030 – BY METHOD**

### 8.1 Overview

### 8.2 North America Sterilization Services Market Revenue Share, by Method 2022 & 2030 (%)

### 8.3 Ethylene Oxide

#### 8.3.1 Overview

#### 8.3.2 Ethylene Oxide: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

### 8.4 Chlorine Dioxide

#### 8.4.1 Overview

#### 8.4.2 Chlorine Dioxide: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

### 8.5 Gamma Ray

#### 8.5.1 Overview

#### 8.5.2 Gamma Ray: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

### 8.6 Electron Beam

#### 8.6.1 Overview

#### 8.6.2 Electron Beam: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

### 8.7 Autoclave Steam

### 8.7.1 Overview

8.7.2 Autoclave Steam: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

## 8.8 Others

### 8.8.1 Overview

8.8.2 Others: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

## **9. NORTH AMERICA STERILIZATION SERVICES MARKET – REVENUE AND FORECAST TO 2030 – BY SERVICE TYPE**

### 9.1 Overview

9.2 North America Sterilization Services Market Revenue Share, by Service Type 2022 & 2030 (%)

## 9.3 Contract Sterilization and Microbial Reduction Services

### 9.3.1 Overview

9.3.2 Contract Sterilization and Microbial Reduction Services: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

## 9.4 Testing and Validation Services

### 9.4.1 Overview

9.4.2 Testing and Validation Services: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

## 9.5 Equipment Sterilization

### 9.5.1 Overview

9.5.2 Equipment Sterilization: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

9.5.2.1 Equipment Sterilization Market – By Type Revenue and Forecast to 2030 (US\$ Million)

## 9.6 Others

### 9.6.1 Overview

9.6.2 Others: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

## **10. NORTH AMERICA STERILIZATION SERVICES MARKET – REVENUE AND FORECAST TO 2030 – BY END USER**

### 10.1 Overview

10.2 North America Sterilization Services Market Revenue Share, by End User 2022 & 2030 (%)

### 10.3 Medical Device Companies

#### 10.3.1 Overview

10.3.2 Medical Device Companies: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

### 10.4 Pharmaceutical and Biopharmaceutical Companies

#### 10.4.1 Overview

10.4.2 Pharmaceutical and Biopharmaceutical Companies: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

### 10.5 Hospitals and Clinics

#### 10.5.1 Overview

10.5.2 Hospitals and Clinics: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

### 10.6 Others

#### 10.6.1 Overview

10.6.2 Others: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

## **11. NORTH AMERICA STERILIZATION SERVICES MARKET – REVENUE AND FORECAST TO 2030 – COUNTRY ANALYSIS**

### 11.1 Overview

11.1.1.1 US: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

#### 11.1.1.1.1 Overview

11.1.1.1.2 US: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

11.1.1.1.3 US: North America Sterilization Services Market, by Mode of Delivery, 2020–2030 (US\$ Million)

11.1.1.1.4 US: North America Sterilization Services Market, by Method, 2020–2030 (US\$ Million)

11.1.1.1.5 US: North America Sterilization Services Market, by Service Type, 2020–2030 (US\$ Million)

11.1.1.1.5.1 US: North America Sterilization Services Market, For Equipment Sterilization by Service Type, 2020–2030 (US\$ Million)

11.1.1.1.6 US: North America Sterilization Services Market, by End-User, 2020–2030 (US\$ Million)

11.1.1.2 Canada: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

#### 11.1.1.2.1 Overview

11.1.1.2.2 Canada: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

11.1.1.2.3 Canada: North America Sterilization Services Market, by Mode of Delivery, 2020–2030 (US\$ Million)

11.1.1.2.4 Canada: North America Sterilization Services Market, by Method, 2020–2030 (US\$ Million)

11.1.1.2.5 Canada: North America Sterilization Services Market, by Service Type, 2020–2030 (US\$ Million)

11.1.1.2.5.1 Canada: North America Sterilization Services Market, For Equipment Sterilization by Service Type, 2020–2030 (US\$ Million)

11.1.1.2.6 Canada: North America Sterilization Services Market, by End-User, 2020–2030 (US\$ Million)

11.1.1.3 Mexico: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

11.1.1.3.1 Overview

11.1.1.3.2 Mexico: North America Sterilization Services Market – Revenue and Forecast to 2030 (US\$ Million)

11.1.1.3.3 Mexico: North America Sterilization Services Market, by Mode of Delivery, 2020–2030 (US\$ Million)

11.1.1.3.4 Mexico: North America Sterilization Services Market, by Method, 2020–2030 (US\$ Million)

11.1.1.3.5 Mexico: North America Sterilization Services Market, by Service Type, 2020–2030 (US\$ Million)

11.1.1.3.5.1 Mexico: North America Sterilization Services Market, For Equipment Sterilization by Service Type, 2020–2030 (US\$ Million)

11.1.1.3.6 Mexico: North America Sterilization Services Market, by End-User, 2020–2030 (US\$ Million)

## **12. NORTH AMERICA STERILIZATION SERVICES MARKET–INDUSTRY LANDSCAPE**

12.1 Overview

12.2 Organic Developments

12.2.1 Overview

12.3 Inorganic Developments

12.3.1 Overview

## **13. COMPANY PROFILES**



- 13.1 E-BEAM Services Inc
  - 13.1.1 Key Facts
  - 13.1.2 Business Description
  - 13.1.3 Products and Services
  - 13.1.4 Financial Overview
  - 13.1.5 SWOT Analysis
  - 13.1.6 Key Developments
- 13.2 Life Science Outsourcing Inc.
  - 13.2.1 Key Facts
  - 13.2.2 Business Description
  - 13.2.3 Products and Services
  - 13.2.4 Financial Overview
  - 13.2.5 SWOT Analysis
  - 13.2.6 Key Developments
- 13.3 Midwest Sterilization Corporation
  - 13.3.1 Key Facts
  - 13.3.2 Business Description
  - 13.3.3 Products and Services
  - 13.3.4 Financial Overview
  - 13.3.5 SWOT Analysis
  - 13.3.6 Key Developments
- 13.4 Sotera Health Company
  - 13.4.1 Key Facts
  - 13.4.2 Business Description
  - 13.4.3 Products and Services
  - 13.4.4 Financial Overview
  - 13.4.5 SWOT Analysis
  - 13.4.6 Key Developments
- 13.5 Steris Plc
  - 13.5.1 Key Facts
  - 13.5.2 Business Description
  - 13.5.3 Products and Services
  - 13.5.4 Financial Overview
  - 13.5.5 SWOT Analysis
  - 13.5.6 Key Developments
- 13.6 Cretex Medical
  - 13.6.1 Key Facts
  - 13.6.2 Business Description
  - 13.6.3 Products and Services

- 13.6.4 Financial Overview
- 13.6.5 SWOT Analysis
- 13.6.6 Key Developments
- 13.7 ClorDiSys Solutions Inc
  - 13.7.1 Key Facts
  - 13.7.2 Business Description
  - 13.7.3 Products and Services
  - 13.7.4 Financial Overview
  - 13.7.5 SWOT Analysis
  - 13.7.6 Key Developments
- 13.8 Consolidated Sterilizer Systems.
  - 13.8.1 Key Facts
  - 13.8.2 Business Description
  - 13.8.3 Products and Services
  - 13.8.4 Financial Overview
  - 13.8.5 SWOT Analysis
  - 13.8.6 Key Developments
- 13.9 Boulder Sterilization
  - 13.9.1 Key Facts
  - 13.9.2 Business Description
  - 13.9.3 Products and Services
  - 13.9.4 Financial Overview
  - 13.9.5 SWOT Analysis
  - 13.9.6 Key Developments
- 13.10 Cosmed Group
  - 13.10.1 Key Facts
  - 13.10.2 Business Description
  - 13.10.3 Products and Services
  - 13.10.4 Financial Overview
  - 13.10.5 SWOT Analysis
  - 13.10.6 Key Developments

## **14. APPENDIX**

- 14.1 About Us
- 14.2 Glossary of Terms

## I would like to order

Product name: North America Sterilization Services Market Forecast to 2030 – Regional Analysis – by Mode of Delivery (Offsite Sterilization Services and Onsite Sterilization Services), Method (Ethylene Oxide, Chlorine Dioxide, Gamma Ray, Electron Beam, Autoclave Steam, and Others), Service Type (Contract sterilization and microbial reduction services, Testing and Validation Services, Equipment, and Others), and End User (Medical Device Companies, Pharmaceutical and Biopharmaceutical Companies, Food and Beverage, Hospitals and Clinics, and Others)

Product link: <https://marketpublishers.com/r/NBCFB5A2F0F1EN.html>

Price: US\$ 3,550.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/NBCFB5A2F0F1EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970